

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# Fall Bulbs 1931



KING GEORGE V



DOM PEDRO



AFTERGLOW



VELVET KING



CENTENAIRE

THOS. J. GREY CO.  
16 South Market Street  
BOSTON • MASS.

# **IMPORTANT TO CUSTOMERS**

**ORDER EARLY.**—We would suggest that customers send us their orders as soon as possible after receiving this catalogue, and thus avoid the rush of the planting season. It frequently happens that some articles are not in store when orders are received. In such cases we forward such as are ready, and the balance as soon as possible.

**OUR BULBS** are of the very highest quality, selected specially for us by the best growers in the several countries where they are produced. No better are sold in this country.

**ADDRESS, ETC.**—Give name of your **post office, county and state**, sign your name plainly; also specify means of conveyance preferred—whether by parcel post, express or freight.

**SHIPPING.**—We deliver free to Express, Railroad or Boat. All goods travel at the buyer's risk, our responsibility ceases when we take the carrier's receipt. If goods are damaged so sign for them and enter claim with the carrier at once.

**PACKING.**—No charge is made for boxes or packing on anything except **Flower Pots, Nursery Stock and Hotbed Sash**, and this at cost only. **Cotton Bags** are charged for at cost and if returned in good condition charges prepaid, will be credited at price charged.

**REMITTANCES.**—May be made by Express Money Order, P. O. Money Order or Bank Draft; if stamps or cash, send in a Registered Letter. Parties having no account with us—who order goods without remittance—must furnish satisfactory references. Boston preferred.

**PRICES.**—All prices are net without discount and **subject to change without notice.**

**TERMS ARE NET CASH.**—All bills on which short credits are allowed are due the first of the month succeeding the date of the purchase.

**WE MAKE A SPECIAL EFFORT** to carry a full stock of Seeds, Tools, Implements and repairs for the wants of the retail trade.

**GARDENERS' AND FARMERS' SITUATIONS.**—We have at all times the names of practical gardeners and farm managers in want of situations on our books. If parties desiring such will write us, we shall be glad to put them in communication with men whom we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

We give no warranty, expressed or implied, as to quality, description, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they must at once be returned.

**ROBERT E. MONTGOMERY, President**

**JOHN P. A. GUERINEAU, Treasurer**

**FRANCIS R. CONBOY, Secretary**

**THOMAS J. GREY CO.**

## **PARCEL POST RATES**

Packages must not exceed 84 inches in length and girth combined. 70 pounds is the limit of weight in the first, second and third zones. 50 pounds is the limit of weight in all other zones.

1st zone—7c. for first pound and 1c. for each additional pound or fraction.

2d zone—7c. for first pound and 1c. for each additional pound or fraction.

3d zone—8c. for first pound and 2c. for each additional pound or fraction.

4th zone—8c. for first pound and 4c. for each additional pound or fraction.

5th zone—9c. for first pound and 6c. for each additional pound or fraction.

6th zone—10c. for first pound and 8c. for each additional pound or fraction.

7th zone—12c. for first pound and 10c. for each additional pound or fraction.

8th zone—13c. for first pound and 12c. for each additional pound or fraction.

Postage on seeds, bulbs, plants and roots of 8 ounces or less to all zones, is 1c. for each 2 ounces.

Postage on general merchandise of 8 ounces or less, to all zones, is 1½c. for each 2 ounces.

## **INDEX**

	Page
Anemones.....	14
Bird Seed.....	25
Calla Lilies.....	14
Chionodoxa.....	15
Clover.....	28
Crocus.....	14
Daffodils (See Narcissus).....	9-11
Fertilizers.....	24
Freesia.....	15
Fruit Trees.....	20

	Page
Gladiolus.....	16
Garden and Greenhouse Sun-dries.....	21-24
Grain Seed.....	28
Grass Seeds.....	26-28
Hyacinthus.....	12, 13
Hyacinths, Roman.....	13
Iris.....	15
Insecticides and Fungicides.....	24, 25

	Page
Lawn Grass.....	26
Lilies.....	18, 19
Lily-of-the-valley.....	16
Miscellaneous, Inside back cover	
Mushrooms.....	28
Narcissi.....	9-11
Oxalis.....	16
Peonies.....	17
Peat Moss, etc.....	25

	Page
Ranunculus.....	17
Scillas.....	16
Snowdrops.....	17
Spiraea.....	17
Spring Snowflake.....	17
Strawberry Plants.....	20
Tritonia.....	17
Tomato.....	28
Tulips.....	1-8





## GIANT DARWIN TULIPS

A distinct race of Single Late Tulips with immense flowers of well rounded form, on tall, thick stems from 2 to 3 feet in height. This, with their very brilliant colors, ranging from almost pure white through all the shades of pink and purple to the most intense red, makes them unsurpassed for planting out or for cutting. A bed of these tall Darwins, with an undergrowth of Myosotis, Daisies, etc., is a most beautiful sight; planted among the shrubbery, they give life and color to the garden. The varieties we offer are selected from a very large collection as the best and most distinct, containing none but the large flowering sorts. Forcing sorts marked with an asterisk (\*). The figures indicate height in inches.

*Mailed free at the dozen price, otherwise add postage at zone rates. Weight, 1 lb. per doz., 7 lbs. per 100*

### SINGLE LATE-FLOWERING

- 26\***Afterglow.** Deep rosy orange with salmon tinted edges, inside deep orange. Doz. 80c., 100 \$6.00. (See front cover).
- 32 **APHRODITE.** Fine carmine rose. Large flower. Doz. \$1.75, 100 \$12.00.
- 26 **Baronne de la Tonnaye.** Vivid pink, with lighter margin; a faultless flower. Doz. 60c., 100 \$4.50, 1000 \$42.00.
- 24\***BARTIGON.** Fiery red, excellent forcer. Doz. 75c., 100 \$5.00.
- 23 **BLEU AIMABLE.** Soft bluish lilac. Doz. 85c., 100 \$6.00.
- 32\***CENTENAIRE.** Beautiful deep rose, flushed claret. Excellent for forcing or bedding. Doz. 75c., 100 \$5.00. (See front cover).
- 24 **CITY OF HAARLEM.** Immense vermilion scarlet, large blue black base, edged white. Doz. \$1.20, 100 \$8.50.
- 21\***CLARA BUTT.** Beautiful soft salmon pink; one of the most popular. Doz. 60c., 100 \$4.00, 1000 \$35.00.
- 27 **DREAM.** Soft lilac, large, beautiful flower. Doz. 75c., 100 \$5.00.
- 29\***DUCHESS OF HOHENBERG.** Purplish lilac blue, greyish lilac inside. Large white center. Doz. \$4.00, 100 \$30.00.
- 25 **FARNCOMBE SANDERS.** Very large; brilliant scarlet, with clear white base. Doz. 65c., 100 \$4.50, 1000 \$40.00.
- 30 **FAUST.** Satiny purple with blue base; enormous flower of fine form. Doz. \$1.10, 100 \$7.50.
- 26 **Flamingo.** Shell pink, white center, pointed flower. Doz. 90c., 100 \$6.50.
- 30\***FRANS HALS.** Large bluish violet. Highly recommended for forcing. Doz. \$1.20, 100 \$8.50.
- 30 **GIANT.** Immense flower of deep purplish violet with blue base. Doz. \$1.75, 100 \$12.00.
- 30 **GOLDEN FLEECE.** Golden yellow with bronzy tips on the outside of petals. Large size and intensely deep yellow. Doz. \$3.50, 100 \$25.00.
- 28 **Harry Veitch.** Brilliant blood red, splendid bedder. Doz. 70c., 100 \$5.00.
- 25\***Jubilee.** Deep rich blue; egg shaped. Doz. \$1.35, 100 \$9.50.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Page one



Farncombe Sanders (See page 1)

**DARWIN TULIPS—Continued**

- 26\* **KING GEORGE V.** Cherry red; large and brilliant. Doz. \$1.35, 100 \$10.00. (See front cover).
- 24\* **King Harold.** Dark maroon scarlet, splendid forcer. Doz. 75c., 100 \$5.50.
- 25 **LA FIANCEE.** One of the finest exhibition varieties. Rosy shaded mauve, edged light pink with blue base. Doz. \$1.00, 100 \$7.00.
- 25 **LA TULIPE NOIRE.** (The Black Tulip). Velvety maroon black of immense size. Doz. 85c., 100 \$6.00.
- 24 **LOUISE DE LA VALLIERE.** Bright rosy pink, with blue base. Very large flower. Doz. \$1.15, 100 \$8.50.
- 26\* **Loveliness.** Soft carmine rose, warm brilliant color. Doz. 80c., 100 \$5.50.
- 24\* **Madame Krelage.** Bright rosy pink, lighter margin, large flower. Doz. 70c., 100 \$4.50, 1000 \$42.00.
- 26 **Massachusetts.** Vivid pink, white center, very large. Doz. 85c., 100 \$6.50.
- 30 **Massenet.** Apple blossom, flushed white with blue black and white base. Doz. \$1.15, 100 \$8.00.
- 30 **ORANGE PERFECTION.** Fine salmon orange, distinct color. Doz. \$2.50, 100 \$18.00.
- 25\* **PRIDE OF HAARLEM.** Old rose color, excellent for cutting. Doz. 60c., 100 \$4.00, 1000 \$38.00.
- 30 **Prince of Netherlands.** Deep cerise rose, margined pink, blue center. Doz. 85c., 100 \$5.50.
- 23\* **PRINCESS ELIZABETH.** Soft lilac rose on clear white base; excellent for forcing or border. Doz. 70c., 100 \$5.00.
- 28\* **Professor Rauwenhof.** Bright cherry red, shaded salmon, enormous flower. Doz. 70c., 100 \$5.00.
- 23\* **REV. H. EWBank.** Lavender violet, shading to silver heliotrope. Doz. 70c., 100 \$5.00, 1000 \$48.00.
- 26\* **ROI d'ISLANDE.** Deep violet rose, excellent forcing variety. Doz. 90c., 100 \$6.50.

- 26 **The Sultan.** Velvety black maroon. Doz. 70c., 100 \$5.00.
- 30 **VENUS.** Beautiful silvery rose. Doz. \$2.00, 100 \$15.00.
- 24 **White Queen (La Candeur).** Large, globular flower, open, rosy white and passes to pure white. Doz. 75c., 100 \$5.00.
- 25\* **WILLIAM COPLAND.** (Sweet Lavender) Delicate lavender when forced; very early. Doz. 75c., 100 \$5.00, 1000 \$45.00.
- 30 **WILLIAM GOLDRING.** (Tiara). Magenta, large, strong flower, center electric blue and white. Doz. \$1.10, 100 \$8.00.
- 22\* **WILLIAM PITT.** Brilliant dark scarlet, excellent for pans. Doz. 75c., 100 \$5.00.
- 24 **Yellow Darwin.** Clear canary yellow. Doz. 70c., 100 \$5.00.
- 28 **ZWANENBURG.** The pure white Darwin. Well formed flower. Doz. \$1.50, 100 \$10.50.

## DARWIN TULIPS IN MIXTURE

**GREY'S SELECTED MIXTURE.** Made up from the above named varieties, thus giving the finest assortment of most beautiful colors. Doz. 90c., 100 \$6.50, 1000 \$62.00.

**Superfine Mixture.** A splendid mixture as imported. Doz. 50c., 100 \$3.75, 1000 \$35.00.



Clara Butt (See page 1)





# TULIPS

Universal favorites, and the most popular and attractive flowers for early Spring display in the garden or for Winter blooming in the house or conservatory. They are perfectly hardy and of easiest culture in any good garden soil, seldom failing to give the greatest satisfaction. When massed in beds or large clumps, the best effect is obtained. Double and Single sorts, when planted together in clumps among the shrubs or perennials, give a longer season of bloom than if either were planted alone. For best effect, when planted in small clumps, the bulbs should be set 4 inches deep and 4 inches apart, but in large beds or borders a distance of 5 or 6 inches between the bulbs can be allowed.

*Mailed free at the dozen price, otherwise add postage at zone rates.*

*Weight, 1 lb. per doz.,  
7 lbs. per 100*

## NAMED SINGLE EARLY TULIPS

Our collection embraces all the choicest varieties for forcing and bedding. The figures before the names indicate the height in inches, and the \* the best sorts for forcing.

10 **Artus.** Brilliant scarlet; a splendid bedder. Doz. 60c., 100 \$4.50, 1000 \$40.00.

10\* **Belle Alliance.** Large, sweet scented, scarlet flower; excellent. Doz. 85c., 100 \$6.50.

12\* **Brilliant Star.** Bright vermilion scarlet. Splendid early forcer. Doz. 70c., 100 \$5.00.

10\* **Cerise Gris-de-lin.** Purple cerise, white bordered; very distinct. Doz. 85c., 100 \$6.50.

10\* **Cottage Maid.** Bright pink, fine for late forcing and excellent for bedding. Doz. 80c., 100 \$5.50.

14\* **CRAMOISI ROYAL.** Satiny carmine, tall flower, excellent forcing variety. Doz. \$1.10, 100 \$8.00.

### 12\* **CRAMOISI BRILLANT.**

Large crimson scarlet; excellent for forcing or bedding. Doz. 65c., 100 \$4.50, 1000 \$42.00.

11\* **DE WET.** Exhibition variety. Golden flushed orange scarlet. Doz. \$1.10, 100 \$8.00.

10\* **Dusart.** Carmine scarlet; very large, wide open flowers, excellent bedder. Doz. 85c., 100 \$5.50.

12 **Flamingo.** Carmine rose over white, giving bright deep pink effect; fine forcer. Doz. 80c., 100 \$5.50.

12\* **Fred Moore.** An improved form of Thomas Moore. Deep apricot, shading to dull orange yellow. Doz. 70c., 100 \$5.00.

11\* **Goldfinch.** Rich, pure yellow; fragrant. An improved Yellow Prince. Doz. \$1.00, 100 \$7.00.

14\* **GRAND DUC.** (Keizerskroon). Brilliant red with broad, yellow border. Top roots. Doz. \$1.00, 100 \$7.50.

14\* **IBIS.** Deep brilliant pink, shaded carmine, good forcer. Doz. 80c., 100 \$5.50.

12\* **Joost Van den Vondel.** Striped. Large, deep cherry red, feathered white. Doz. 90c., 100 \$6.50.

12\* **LADY BOREEL.** The largest and purest white, grand for exhibition or bedding. Doz. \$1.00, 100 \$7.00.

12\* **La Reve.** Lovely, old rose shade, very large. Doz. \$1.00, 100 \$7.00.

12\* **La Reine Maximus.** An extra large flowered La Reine, white, bordered rose. Doz. 80c., 100 \$6.00, 1000 \$55.00.



**SINGLE EARLY TULIPS—Continued**

12\***MON TRESOR.** Large; pure yellow; best of its color for pots or pans. Doz. \$1.00, 100 \$7.00.

13 **PINK BEAUTY.** Large cherry rose, center of petals white, beautiful. Doz. \$1.25, 100 \$9.50.

13 **PINK DELIGHT.** Deep rosy pink, large flower of globular shape and very distinct. Doz. \$1.50, 100 \$10.00.

11\***President Lincoln (Queen of Violets).** Clear violet, with lighter edge. Doz. \$1.10, 100 \$7.50.

14\***PRINCE OF AUSTRIA.** Rich orange red, fragrant and fine form. Doz. 80c., 100 \$5.50.

12 **PROSPERITY.** Rose pink, splendid forcer. Doz. 70c., 100 \$5.00.

13\***Proserpine.** Rich, satiny carmine rose; very large and sweet scented. Doz. \$1.10, 100 \$8.00.

13\***Queen of the Netherlands.** Delicate, satiny pink; extra large and fine. Doz. 90c., 100 \$6.50.

14 **Queen of Pinks (Princess Wilhelmina).** Deep pink with white flush; large, pointed flowers. Doz. \$1.10, 100 \$7.50.

14 **RISING SUN.** Deep golden yellow; extra fine. Doz. 90c., 100 \$6.50.

11\***Rose Gris-de-lin.** Delicate rose, flushed white; excellent forcer. Doz. 80c., 100 \$5.50, 1000 \$50.00.

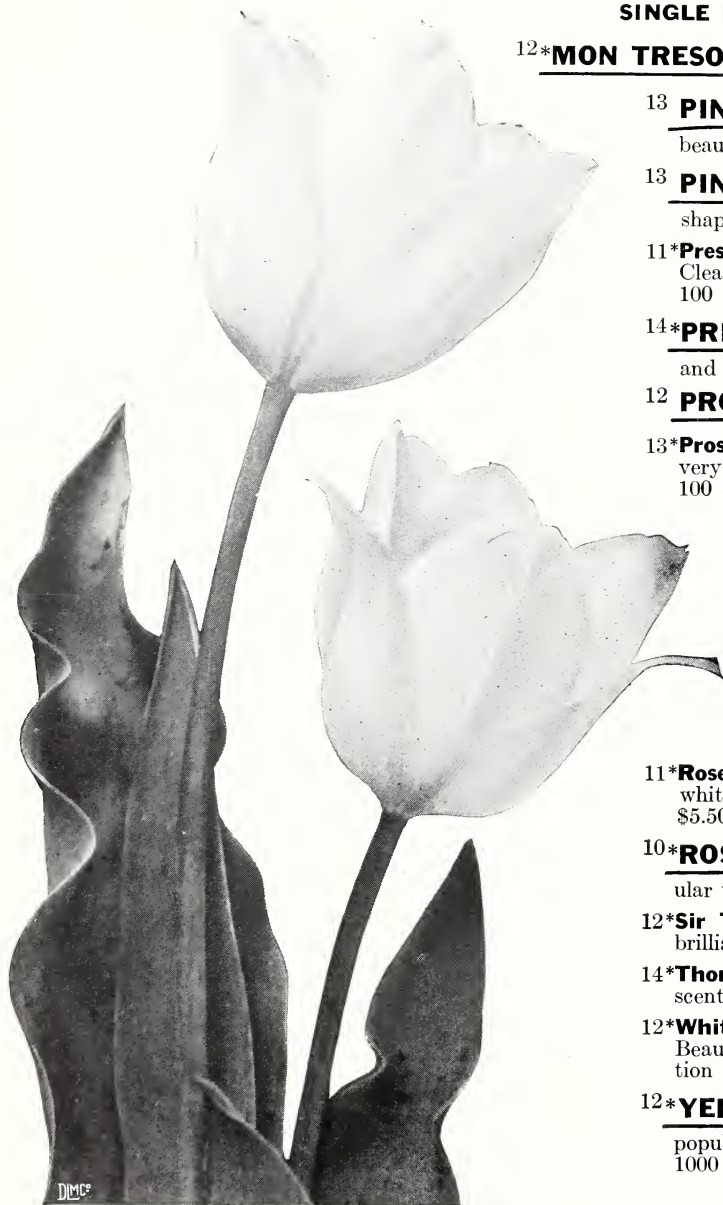
10\***ROSE LUISANTE.** Dark, silky rose; beautiful and popular variety for pans. Doz. 85c., 100 \$6.00.

12\***Sir Thomas Lipton.** Large, cup shaped; brilliant scarlet. Doz. \$1.15, 100 \$8.50.

14\***Thomas Moore.** Fine orange color; sweet scented. Doz. 85c., 100 \$6.00.

12\***White Beauty.** White sport of Pink Beauty. Large pure white flower. Exhibition variety. Doz. \$1.20, 100 \$9.00.

12\***YELLOW PRINCE.** Golden yellow, sweet scented, popular forcing variety. Doz. 85c., 100 \$6.00, 1000 \$55.00.



**SINGLE EARLY TULIPS IN MIXTURE**

**COLUMBIA PRIZE MIXTURE.** Our specially blended mixture of decided merit, consisting of the finest large flowering named sorts, selected to bloom at about the same time and to grow about the same height. This mixture is unsurpassed for mixed beds and borders. Doz. 85c., 100 \$6.50, 1000 \$60.00.

**SUPERFINE MIXTURE.** A splendid mixture containing all colors, and composed of an unusually large number of varieties which flower nearly together. Doz. 50c., 100 \$3.50, 1000 \$32.00.





## NAMED DOUBLE TULIPS

These are useful for bedding and forcing; the large, Peonylike blossoms are highly ornamental, coming into bloom about a week or more after the single early sorts, and lasting considerably longer in flower. They make the best display, and the effect is better when planted one variety in a bed or clump. The letter after the name indicates the time of blooming; those marked A bloom together, followed in about a week by B, and C, the latest.

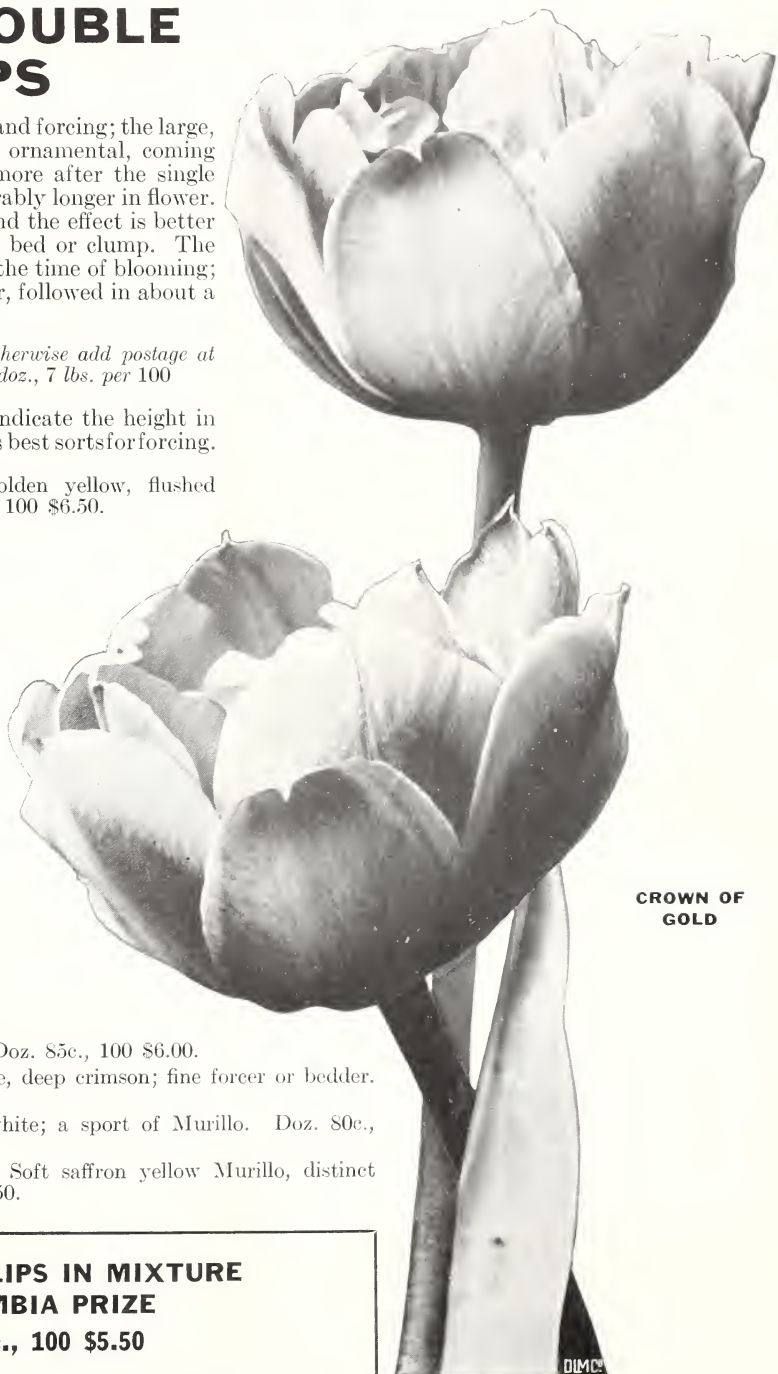
*Mailed free at the dozen price, otherwise add postage at zone rates. Weight, 1 lb. per doz., 7 lbs. per 100*

The figures before the names indicate the height in inches and the (\*) star indicates best sorts for forcing.

- 11\***Crown of Gold.** A. Golden yellow, flushed orange; large. Doz. 90c., 100 \$6.50.
- 12\***Electra.** Deep, warm carmine variety. Forces well. Doz. \$1.20, 100 \$9.00.
- 12\***Le Matador.** A. Glowing scarlet, splendid forcer and bedder. Doz. \$1.10, 100 \$8.00.
- 10\***Mr. Van der Hoeff.** Pure yellow, sport of Murillo; recommendable new variety. Doz. 85c., 100 \$6.50.
- 10\***Murillo.** B. Beautiful, light pink; excellent for pans. Doz. 70c., 100 \$5.00, 1000 \$45.00.
- 12 **Orange Globe.** Beautiful deep orange. Doz. \$1.50, 100 \$11.50.
- 11\***Peach Blossom.** A sport of Murillo. Soft rosy pink, and an excellent forcer. Doz. 85c., 100 \$6.00.
- 10\***Rubra Maxima.** B. Large, deep crimson; fine forcer or bedder. Doz. 90c., 100 \$6.50.
- 12\***Schoonoord.** B. Snow white; a sport of Murillo. Doz. 80c., 100 \$5.50.
- 10\***Tea Rose** (Saffrano). B. Soft saffron yellow Murillo, distinct shade. Doz. 80c., 100 \$5.50.

### DOUBLE TULIPS IN MIXTURE COLUMBIA PRIZE

Doz. 80c., 100 \$5.50



CROWN OF  
GOLD

DLMC



# SINGLE LATE COTTAGE GARDEN TULIPS

These beautiful Mayflowering varieties are becoming more popular each season, being entirely distinct from the early flowering sorts, in their taller growth and later season of blooming. The large, beautifully formed flowers of magnificent colors are usually at their best about Memorial Day, and last well into June. Figures indicate height in inches.

*Mailed free at the dozen price, otherwise add postage at zone rates. Weight, 1 lb. per doz., 7 lbs. per 100*

- 24 **Argo.** Yellow, mottled red, passing off to reddish brown. Doz. \$1.20, 100 \$8.50.
- 30 **DIDO.** Inside bright salmon orange, yellow base, bordered green; outside orange red with carmine shade and orange shaded edges. Doz. \$2.00, 100 \$15.00.
- 24 **Ellen Willmott.** Soft creamy yellow with reflexed petals. In good demand on account of its delicate color. Doz. 90c., 100 \$6.50.
- 25 **Gesneriana Major (Spathulata).** Large; rich crimson scarlet with blue center. Doz. 85c., 100 \$6.00.
- 24 **Gesneriana Lutea.** Large, pure golden yellow; excellent for bedding. Doz. 80c., 100 \$5.50, 1000 \$52.00.
- 24 **Inglescombe Pink (Salmon Queen).** Delicate salmon rose, immense flower. Doz. 80c., 100 \$5.50, 1000 \$52.00.
- 24 **Inglescombe Yellow.** Glossy canary yellow; large, cup shape. Doz. 70c., 100 \$5.00.
- 20 **John Ruskin.** Salmon rose, edged soft lemon yellow. A beautiful combination of colors. Doz. 85c., 100 \$6.00.



Inglescombe Yellow



Cottage Tulips, Moonlight

- 20 **Moonlight.** Pale straw, large oval shaped flower of a soft, pleasing color. Doz. 85c., 100 \$6.00.
- 32 **MRS. MOON.** Deep, golden yellow, large flower with reflexed, pointed petals. Doz. 90c., 100 \$6.50.
- 18 **Picotée (Maidens Blush).** White with rose pink margin; flowers borne on long stems; splendid for forcing. Doz. 70c., 100 \$5.00.
- 20 **ROSABELLA.** Beautiful carmine rose with broad white edge and inside beautiful shell pink with creamy white base. Doz. \$1.50, 100 \$10.00.
- Splendid Mixture.** Containing our selection of named varieties. Doz. 80c., 100 \$5.50, 1000 \$52.00.





# DUTCH BREEDER TULIPS

The Breeders are the unbroken forms of the old florist Tulips. A valuable Tulip for late flowering. They produce enormous flowers on long stems, colors running mostly in shades of bronze, purple and brown.

Mailed free at dozen price, otherwise add postage at zone rate. Weight 1 lb. per doz., 7 lbs. per 100

Figures indicate height in inches

- 28 **APRICOT.** Dull bronzy buff, shaded deep apricot. Doz. \$1.00, 100 \$7.00.
- 33 **BACCHUS.** Deep plum purple with darker bloom on outer petals. Doz. \$1.20, 100 \$8.50.
- 30 **Bronze Queen.** Buff, tinged apricot. Doz. 70c., 100 \$5.00.
- 27 **COPERNICUS.** Dark coppery bronze, shaded old rose. Doz. 90c., 100 \$6.50.
- 28 **DOM PEDRO.** A dull brown, shaded maroon, inside mahogany; very distinct. Doz. 90c., 100 \$6.50. (See front cover)
- 25 **GOLDEN BRONZE.** Light brownish yellow, inside rich mahogany brown. Doz. \$1.00, 100 \$7.00.
- 28 **Jaune d'Oeuf (Sunrise).** Golden outside petals, shaded apricot. Doz. 80c., 100 \$5.50.
- 32 **Louis XIV.** Purple, flushed golden bronze; globular flower. Doz. 85c., 100 \$6.00.
- 30 **LUCIFER.** Large reddish orange, fine, large flower. Doz. \$1.50, 100 \$10.00.
- 28 **MADAME LETHIERRY.** Dark cherry rose, edged and flushed salmon. Doz. \$1.20, 100 \$8.50.



Breeder Tulip, Bacchus

- 27 **PANORAMA.** (Fairy). Large, deep orange red. Excellent forcer. Doz. 80c., 100 \$5.50.
- 26 **PINK PEARL.** Lilac pink, inside rosy cream. Doz. \$2.00, 100 \$15.00.
- 28 **PLUTARCHUS.** Bronze with terra cotta base. Doz. 90c., 100 \$6.50.
- 30 **PRINCE OF ORANGE.** (Sunset). Terra cotta with orange edge. Doz. 90c., 100 \$6.50.
- 30 **ST. JAMES.** Dark lilac, edged bronze brown with yellow and green base. Doz. 80c., 100 \$5.50.
- 32 **VELVET KING.** Deep glossy purple maroon, with white base. Doz. \$1.00, 100 \$7.50. (See front cover)



Breeder Tulip, Madame Lethierry

## TRIUMPH TULIPS

- LORD CARNARVON.** Rose with creamy white edges. Doz. \$1.00, 100 \$7.50.

### We Recommend

#### FINE GROUND FERTILIZER BONE

for use in the preparation of beds for Autumn Bulb Planting. Just before planting the bulbs scatter lightly over the bed and mix well with the surface soil. Larger flowers and better leaf and stem growth invariably result from use of this fertilizer.

Per 5 lb. Pkg. 50c., 10 lb. bag 75c., 25 lb. bag \$1.25, 50 lb. bag \$2.00, 100 lb. bag \$3.50





## PARROT TULIPS

A distinct type of late flowering Tulips, producing enormous flowers of most brilliant colors and interesting forms. The flowers before opening resemble the neck of a parrot, and the petals are curiously cut or fringed. These Tulips are exceedingly showy and are worthy of more general cultivation.

**Doz. 85c., 100 \$6.00, except where noted**

**COFFEE COLOR** (*Cafe Brun*). Coffee brown and yellow. The large flower is handsomely feathered and fringed.

**CONSTANTINOPLE.** Bright red, shaded orange. The flower is of immense size and interestingly cut and fringed.

**CRAMOISI BRILLIANT.** Fiery red. Large flower of remarkable substance and heavily fringed.

**FANTASY** (New). Beautiful and popular novelty Tulip with fantastic, ragged edges. The color is clear salmon rose with outside midribs of petals conspicuously marked apple green. A strong grower with a fine stem nearly 2 ft. tall. Doz. \$4.50, 100 \$35.00.

**LUTEA MAJOR.** Bright yellow, sometimes striped red and green. The flower is very large and curiously fringed at tips of petals.

**MARKGRAAF.** Inside pure golden yellow, outside striped scarlet. The immense flower has interesting petals ragged and fringed.



Greigi Tulip



Parrot Tulips

D.H.G.

**PERFECTA.** Yellow ground, striped and spotted flaming red. The flower is large, with petals having deeply cut edges.

## TULIP SPECIES

These Tulips which are of simple cultivation, thrive in ordinary soil of the rock garden. Bulbs do not need to be lifted as they increase year after year.

**Clusiana** (The Lady Tulip). White, cherry outside. Doz. 85c., 100 \$6.00.

**Greigi.** Glittering orange scarlet, black blotched center. Doz. \$2.50, 100 \$18.00.

**Kaufmanniana.** White, tinted carmine, yellow center; the earliest flowering variety. Doz. \$1.20, 100 \$8.50.

**Sylvestris** (*Florentina*). Yellow. Doz. \$1.00, 100 \$7.00.



# NARCISSUS OR DAFFODILS

## AMERICAN GROWN

Among the most beautiful and fragrant of our hardy Springflowering bulbs the Narcissus enjoy great popularity and occupy a very prominent place in the world of flowers, doing well in almost all soils and situations, for naturalizing among the grass, planting among the shrubbery, on the borders of ponds and streams, and in formal beds. For house or greenhouse culture they are equally desirable, planted in pots or bulb pans, several bulbs of one variety in each, and treated as recommended for Hyacinths. Selected bulbs only are offered and mostly Double Nosed.

*If by Parcel Post, add postage at zone rates. Weight, 2 lbs. per doz., 15 lbs. per 100*

### LARGE TRUMPET NARCISSUS

**CERVANTES.** Creamy perianth, primrose trumpet, desirable for early forcing.  
Doz. \$2.00, 100 \$15.00.

**EMPEROR.** Large, rich, golden yellow trumpet, deep primrose perianth. Selected  
Mother Bulbs. Doz. \$2.50, 100 \$18.00.

**EMPRESS** (Bicolor). Rich chrome yellow trumpet; perianth white, of great substance.  
Mother Bulbs. Doz. \$2.50, 100 \$18.00.

**FAIR BOSTONIAN** (Bicolor. A giant trumpet, extra white perianth and large yellow. Doz. \$5.00, 100 \$40.00.

**GLORY OF SASSENHEIM.** An enlarged bicolor Victoria. Fine for forcing and free flowering. Mother Bulbs. Doz. \$2.50, 100 \$18.00. (See back cover).

**Golden Spur.** Broad perianth and large trumpet, expanding at the lip; deep, golden yellow. Selected Mother Bulbs. Doz. \$2.50, 100 \$18.00.

**KING ALFRED.** Clear golden, with deeply frilled trumpet; unrivaled in size and beauty. Each 30c., doz. \$2.75, 100 \$22.00.

**OLYMPIA.** A splendid pot and forcing variety. Large yellow with lighter perianth. Larger than Emperor. Doz. \$2.75, 100 \$22.00.

**ROBERT SYDENHAM.** Exhibition variety. Large yellow trumpet, perianth sulphur yellow. Mother Bulbs. Doz. \$4.00, 100 \$30.00.

**VAN WAVEREN'S GIANT.** An enormous flower. Bright yellow trumpet, primrose perianth. Mother Bulbs. Each 40c., doz. \$4.00, 100 \$30.00.

**VICTORIA** (Bicolor). Yellow trumpet, creamy white perianth. Excellent forcing variety. Mother Bulbs. Doz. \$2.50, 100 \$18.00.



Narcissus, King Alfred

**Extra mixture of Narcissus for naturalizing in woodlands and wild gardens.**

**Doz. \$1.00, 100 \$7.00, 1000 \$65.00**





## MEDIUM TRUMPET NARCISSUS

*If by Parcel Post, add postage at zone rates. Weight  
1 lb. per doz., 7 lbs. per 100*

In this class will be found many of the most graceful and beautiful Daffodils, equally desirable for beds and borders, as well as for indoor cultivation, and especially adapted to nature garden planting.

**Barri Conspicuus.** Broad, yellow perianth and wide, short cup, edged with bright orange scarlet. Doz. \$1.35, 100 \$10.00.

**Barri, Red Beacon.** Ivory white perianth, brilliant orange scarlet cup. Doz. \$3.50, 100 \$25.00.

**Incomparabilis, Bernardino.** Large creamy white perianth with frilled cup, stained deep orange and apricot. Doz. \$2.00, 100 \$15.00. (See back cover).

**Incomparabilis, Lucifer.** Handsome white perianth with glowing orange red cup. Doz. \$1.75, 100 \$12.00.

**Incomparabilis, Sir Watkin** (Giant Welsh Chalice Flower). Sulphur yellow perianth and deep yellow cup; large and handsome. Mother Bulbs. Doz. \$2.25, 100 \$16.00. (See back cover).

**Leedsi, Evangeline.** Large, pure white perianth, soft lemon cup. Doz. \$1.35, 100 \$10.00.

**Leedsi, Queen of the North.** Broad, overlapping white segments, pale primrose cup with finely crinkled edges. Doz. \$1.35, 100 \$10.00.

**Leedsi, White Lady.** Broad, round, white overlapping perianth, pale canary cup prettily frilled. Fine Eucharis shaped. Doz. \$1.35, 100 \$10.00.

### NARCISSUS JONQUILLA or JONQUILS

**Campanelle, Giganteus.** An enlarged Campanelle; deep yellow. Doz. \$1.75, 100 \$12.00.

**Rugulosus.** Rich yellow, sweet scented, fine for cutting. Doz. \$1.35, 100 \$10.00.

## POETAZ HYBRIDS NARCISSUS

*If by Parcel Post, add postage at zone rates. Weight  
2 lbs. per doz., 12 lbs. per 100*

This variety is a cross between the Poeticus ornatus and the best sorts of the Polyanthus varieties. Perfectly hardy.

**ASPASIA.** Far superior to Elvira. More florets per stem and the perianth is purer white. Much preferred for forcing. Doz. \$1.50, 100 \$12.00.

**Early Perfection.** An improved Elvira. Pure white with yellow cup. Can be forced to bloom early in January. Doz. \$2.50, 100 \$18.00.

**Helios.** Creamy yellow, pure yellow cups. An early variety. Doz. \$2.00, 100 \$15.00.

**LAURENS KOSTER.** Pure white perianth; large, orange yellow cup. Doz. \$1.75, 100 \$12.00.



**Narcissus leedsii Evangeline**

**ORANGE CUP.** Creamy white, conspicuous orange cups. A delightful color combination. Doz. \$2.25, 100 \$16.00.

## POETICUS NARCISSUS

*If by Parcel Post, add postage at zone rates. Weight 1 lb.  
per doz., 6 lbs. per 100*

**HORACE.** Free flowering, splendid forcing variety. Pure white perianth with conspicuous red eye. Doz. \$1.75, 100 \$12.00.

**Poeticus** (Poet's or Pheasanteye). Pure white with orange crown, edged with scarlet. One of the best sorts for naturalizing. Doz. \$1.10, 100 \$8.00.

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**





## POLYANTHUS NARCISSUS

*If by Parcel Post, add postage at zone rates.  
Weight, 2 lbs. per doz., 12 bs. per 100*

### Ready in September

Excellent for forcing or growing in water, bearing tall trusses of delicately scented flowers. Treat as recommended for Hyacinths. *They are not hardy.*

**Paperwhite grandiflora.** The largest, earliest and best of all for forcing. Snow-white flowers in large trusses. It is superior to the Chinese or any other Narcissus for growing in water with pebbles in shallow dishes. Large Bulbs, doz. 60c., 100 \$1.00. Mammoth Bulbs, doz. 75c., 100 \$6.00. Extra Mammoth Bulbs, doz. \$1.15, 100 \$8.50.

**Grand Soleil d'Or.** This popular variety of the Polyanthus type is easy to grow in pebbles and water. The color is a clear yellow with orange cup. Mammoth Bulbs. Doz. \$2.50, 100 \$18.00.



**Narcissus Poetaz, Early Perfection** (See page 9)



**Narcissus Incomparabilis Bernardino** (See page 9)

## DOUBLE - FLOWERING NARCISSUS

*If by Parcel Post, add postage at zone rates. Weight  
2 lbs. per doz., 12 lbs. per 100*

The Double Flowering Daffodils are perfectly hardy, very popular and well adapted to outdoor planting, no garden being complete without them. They are also excellent for house or conservatory growing in pots or pans.

**Primrose Phoenix.** Lemon yellow, large rose shaped flower; long stems. Doz. \$2.50, 100 \$18.00.

**Alba Plena Odorata.** Large, double white and sweet scented. Flowers very much like a Gardenia. Doz. \$1.75, 100 \$12.00.



# EXHIBITION HYACINTHS

**Culture in Pots or Pans.** These may be planted any time from September to November, though early planting as a rule, gives the best results. Firm, heavy bulbs should be selected and, if to be planted singly, use a 5 inch pot or four bulbs of one variety to an 8 inch seed pan. A piece of broken pot placed over the hole and 1 or 2 inches of Sphagnum Moss placed on this, make excellent drainage. A light, rich soil is essential; one made up of one-third rotted cow manure, one-third rotted sod, and the balance of leafmold and sharp sand, is excellent. When planting, break off all offsets if any, at the base of the bulb and have the top of the bulb just below the soil and the soil about an inch below the top of the pot; give a good watering; put in a cool place and cover with 5 or 6 inches of sand or sifted coal ashes; this prevents the bulbs from rising while they are making roots and holds the moisture. After eight weeks the roots should be strong enough to allow them to be brought to the light and into the room where they are to bloom.

**Culture in the Open Garden.** Bulbs may be planted from September until the ground closes, although the best results will be obtained if planted before the end of October. Plant 6 inches deep and 6 inches apart, in soil which has been dug at least 12 inches deep and well enriched with well-rotted cow manure. Before the ground freezes deep enough to reach the bulbs, cover with leaves or other good litter, 6 to 8 inches deep, to protect the bulbs from freezing and thawing through the Winter, thus being assured of larger and stronger spikes of bloom. The covering should be removed early in the Spring.

**These are all extra selected bulbs of large size and the best varieties for exhibition purposes and house culture.** *If by Parcel Post, add postage at zone rates. Weight, 3 lbs. per doz.*

## SINGLE, PINK, ROSE AND RED

Each 25c., doz. \$2.50, 100 \$18.00

**GARIBALDI.** Bright crimson; large truss, early, excellent for forcing.

**General de Wet.** Pleasing soft pink with white throat; large spike.

**Gertrude.** Dark pink; large spike; a most popular pot and bedding sort.

**LADY DERBY.** Beautiful, bright rose pink, a lovely shade; large, compact spike.

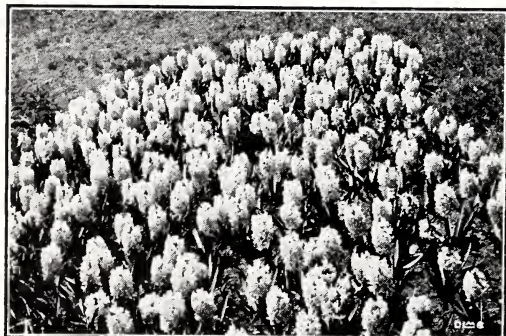
**LA VICTOIRE.** Deep carmine rose. Extra large spikes.

**MARCONI.** Bright rose; fine forcer.

**Moreno.** Lively pink; large bells and spike; an early and popular sort.

**Pink Perfection.** Fine delicate pink, shaded lavender; very distinct.

**QUEEN OF PINKS.** Brilliant, clear, bright pink, large, full spike; very compact.



Bed of Exhibition Hyacinths

## SINGLE BLUE, PURPLE AND VIOLET

Each 25c., doz. \$2.50, 100 \$18.00

**BISMARCK.** Sky blue, very broad spike and excellent for early forcing.

**ELECTRA.** Light blue, enormous flower and a good forcer.

**ENCHANTRESS.** Delicate, light blue; beautiful truss on strong stem.

**GRAND MAITRE.** Deep lavender blue; elegant loose spike of immense size.

**KING OF THE BLUES.** Rich, dark blue; large spike, one of the best.

**LORD BALFOUR.** Rose violet, large bells, enormous flowers.

**PRIDE OF HOLLAND.** Bright porcelain blue; fine, large, pyramidal spike.

**QUEEN OF THE BLUES.** Azure blue, large spike, forces easily

## SINGLE YELLOW

Each 25c., doz. \$2.50, 100 \$18.00

**CITY OF HAARLEM.** Golden yellow; large and well formed truss.

**YELLOW HAMMER.** Pure yellow with beautiful truss; early.

## SINGLE PURE WHITE

Each 25c., doz. \$2.50, 100 \$18.00

**ARENTEINE ARENDSSEN.** Snow white, perfect petals; extra. spike, with wide open

**LA GRANDESSE.** Snow white, large, compact spikes, fine bells, extra for exhibition.

**L'INNOCENCE.** Pure white; large spike; excellent for all purposes.

**PURITY.** Pure white, one of the finest. Large spike.





## EARLY ROMAN HYACINTHS

These are specially adapted for house culture and forcing, each bulb giving from three to six spikes. By early and successive plantings they may be had in bloom throughout the Winter. If well rooted and brought into heat by the middle of November they may be had in bloom for Christmas.

*If by Parcel Post, add postage at zone rates. Weight per doz. 2 lbs.*

**Pure White.** Mammoth bulbs. Doz. \$3.00, 100 \$22.00.

**Light Blue.** Selected bulbs. Doz. \$2.00, 100 \$15.00.

**Light Pink.** Selected bulbs. Doz. \$2.00, 100 \$15.00.

### French Grown L'Innocence

Excellent for forcing. Much earlier than Dutch grown. Produces extra large spikes. Doz. \$2.75, 100 \$20.00.

## MINIATURE HYACINTHS

These are also known as **Dutch Romans** and **Pan Hyacinths**. They are small, single flowering Dutch Hyacinths and are very suit-



Early Roman Hyacinths



Grape Hyacinths

able for growing in pans, pots or boxes, using one variety only to each pan, to insure their all blooming at the same time. They are also fine for outdoor planting.

*If by Parcel Post, add postage at zone rates. Weight per doz. 2 lbs.*

**Gigantea.** Blush pink.

**King of Blues.** Dark blue.

**La Grandesse.** Snow white.

**L'Innocence.** Pure white.

**Queen of Blues.** Azure blue.

**Queen of the Pinks.** Beautiful rosy pink.

**Yellow Hammer.** Pure yellow with beautiful truss.

**80c. per doz., \$6.00 per 100**

## GRAPE HYACINTHS

One of the prettiest early Spring flowering bulbs, perfectly hardy. Excellent for naturalizing and for edgings or clumps in the shrubby border. Very effective and succeed in almost any situation. For house growing they are very pretty and interesting.

*No charge for mailing*

**Caeruleum.** Bright blue. Doz. 35c., 100 \$2.00.

**Heavenly Blue.** Large, sky blue. Doz. 45c., 100 \$3.00.

## SPECIAL NAMED BEDDING AND FORCING HYACINTHS

**SPECIAL NOTICE**—We are pleased to be able to offer Hyacinths at much reduced prices this year.

These are large, solid bulbs of distinct and decided shades, producing large spikes of flowers and all blooming at the same time, which makes them of great value for bedding out, as one can obtain the exact color effect desired. They are also desirable for forcing in pots or pans.

**Special Bright Red**

**Special Pink**

**Special Rose**

**Special Crimson**

**Special Pure White**

**Special Yellow**

**Special Dark Blue**

**Special Light Blue**

**Special Porcelain Blue**

**Doz. \$1.75, 100 \$12.00**

*If by Parcel Post, add postage at zone rates. Weight, 2 lbs. per doz.*

## SELECTED UNNAMED HYACINTHS

These are sound, healthy flowering bulbs, superior to the mixed Hyacinths usually offered, and are well adapted to outdoor planting or forcing, giving good spikes of flowers in fine colors.

**Select Pink**

**Select Rose**

**Select Pure White**

**Select Dark Blue**

**Select Mixture of Above Sorts**

**Select Light Blue**

**Select Yellow**

**Single Flowering Bulbs  
Doz. \$1.10, 100 \$8.00**

*If by Parcel Post, add postage at zone rates. Weight, 2 lbs. per doz.*





# CROCUS, GIANT FLOWERING

One of our earliest Spring flowers. Beautiful and a universal favorite. A bed, border or some clumps of these are essential to make the flower garden complete. To be had in the highest perfection, they should be planted 3 inches deep, in a deep, rich, sandy loam, and in a sunny location though they will succeed in almost any soil or situation. When planted in connection with Chionodoxa, Snowdrops or Scilla they are very effective. They also may be grown indoors in bulb pans, etc., as recommended for Hyacinths. Best results outside are obtained from early planting.

*If by Parcel Post, add postage at zone rates. Weight, 3 lbs. per 100. Postage paid at doz. price*

## BLUE AND PURPLE SORTS

**Baron von Brunow.** Large, dark blue, free flowering, extra. Doz. 50c., 100 \$3.50, 1000 \$30.00.

**Caesar.** Beautiful, deep purple; very large. Doz. 60c., 100 \$4.50, 1000 \$40.00.

**King of the Blues.** Dark purple; extra fine. Doz. 60c., 100 \$4.50, 1000 \$40.00.

**Lord Palmerston.** Bright purple; one of the best. Doz. 50c., 100 \$3.50, 1000 \$30.00.

**Maxmillian.** A pleasing shade of lavender. Distinct from all others. Doz. 60c., 100 \$4.50, 1000 \$40.00.

## WHITE SORTS

**Kathleen Parlow.** Extra choice, pure white variety, large, orange anthers. Doz. 60c., 100 \$4.50, 1000 \$40.00.

**King of the Whites.** The best and largest white. Doz. 60c., 100 \$4.50, 1000 \$40.00.

**Mont Blanc.** Large, snow white; extra. Doz. 60c., 100 \$4.50, 1000 \$40.00.

## STRIPED SORTS

**Albion.** Purple, white feathered. Doz. 60c., 100 \$4.25, 1000 \$40.00.

**Madam Mina.** Large, light blue, striped, early. Doz. 50c., 100 \$3.50, 1000 \$30.00.

**Pallas.** White ground, light lilac stripes; showy orange anthers. Extra large. Doz. 60c., 100 \$4.25, 1000 \$40.00.

**Sir Walter Scott.** White, striped with purple. Doz. 50c., 100 \$3.50, 1000 \$30.00.

## YELLOW CROCUS

**Mammoth Golden Yellow.** Large bulbs, giving many blossoms. Doz. 75c., 100 \$5.50, 1000 \$50.00.

**Golden Yellow.** Extra large. Doz. 55c., 100 \$3.75, 1000 \$35.00.

**Giant Mixture.** From named sorts. Doz. 55c., 100 \$3.75, 1000 \$35.00.

## ANEMONES

These popular flowers of French origin are useful as a decorative plant for house or garden and fine for cutting. Plant in October or November.

**Single De Caen Mixed.** Doz. 75c., 100 \$5.00.

**St. Brigid.** Semi-double mixed. Doz. 85c., 100 \$6.00.

## CALLA LILIES

(Richardia)

*If by Parcel Post, add postage at zone rates. Weight 3 lbs. per doz.*

A rich soil, warm temperature, plenty of light and water is desirable for Callas. Allow them to rest from June to last of August.

**White Calla** or **Lily of the Nile** (R. aethiopica). Largest sized bulbs. Each 50c., doz. \$5.00.

**Elliottiana** (Golden Calla). Rich, clear, golden yellow, the dark green foliage spotted with white. Each 50c., doz. \$5.00.

**Godfrey.** Everblooming variety of dwarf, compact habit, producing large white flowers. Each 50c., doz. \$5.00.



Giant Flowering Crocus



## FREESIAS

*Mailed at dozen and 100 prices*

Probably no flower is better known, or more popular than the Freesia, with its beautiful, graceful and delicately perfumed flowers. They are especially suited to house and greenhouse growing, and excel as a cut flower in the length of time they may be kept fresh; easily forced and may be had in bloom from January to June. Plant eight to twelve bulbs in a 6 inch bulb pan and cover 1 inch.

**FISCHER'S PURITY.** The finest and purest white sort yet introduced. Our stock is grown from the originator's. Doz. 100 1000

**Mammoth Bulbs.** .....\$0.75 \$5.00 \$45.00

**Extra Large Bulbs.** ..... .60 4.00 35.00

**Large Bulbs.** ..... .40 3.00 25.00

**ELDER'S GIANT WHITE.** Flowers about one-third larger than the Fischer's Purity. Doz. 100

**Mammoth Bulbs.** .....\$2.50 \$18.00

## NEW COLORED FREESIAS

**Extra Large Bulbs**

**BLUE BIRD.** Deep Delphinium blue with light center. Large open flower and good long stem. The finest blue yet on the market. Doz. \$1.75, 100 \$12.00.

**CARRIE BUDAU.** Lavender pink; a great improvement over Gen. Pershing; larger flowers and heavier stems. Doz. \$1.10, 100 \$8.00.

**GOLDEN DAFFODIL.** This new variety is a rich Daffodil yellow. Flowers are large, and are borne on long, stiff stems. Doz. \$1.75, 100 \$12.00.

**Mrs. Marc Peters.** Deep rosy salmon with lower petals blotched orange and yellow. Doz. \$1.50, 100 \$9.50.

**SPLENDENS.** A beautiful deep lavender, borne on long stiff stems. Doz. \$1.00, 100 \$7.00.

**SUNSET.** An entirely new color in Freesias, being a flame orange. Much admired by all who have seen it. Doz. \$2.00, 100 \$15.00.



Spanish Iris



Freesia, Fischer's Purity

## CHIONODOXA

*(Glory-of-the-snow) No charge for mailing*

One of the most beautiful and effective of our Spring flowering bulbs, coming into bloom soon after the snow is gone, and lasting a long time. They succeed well in any good garden soil and are excellent for clumps, edgings or naturalizing.

**Luciliae.** Brilliant sky blue, with white center. Doz. 45c., 100 \$3.00.

**Gigantea.** Large blooms of soft gray blue. Doz. 60c., 100 \$4.00.

## DUTCH IRIS

**Adrian Backer.** Lilac purple. Doz. \$1.35, 100 \$10.00.  
**Hart Nibbrig.** Brilliant clear blue. Doz. \$1.20, 100 \$9.00.

**Huchtenburg.** Falls, orange yellow; standards, palest blue, passing to white. Doz. \$1.35, 100 \$10.00.

**Golden Glory.** Rich golden yellow. Doz. \$1.35, 100 \$10.00.

**Wedgwood.** Beautiful wedgwood blue, large flower on tall stalks. May be had in bloom early if planted in September in deep flats. Grown in temperature about 55 degrees. Doz. \$3.50, 100 \$25.00.

**White Excelsior.** Extra large white. Doz. \$1.35, 100 \$10.00.

## SPANISH IRIS

**Doz. \$1.10, 100 \$8.00, except where noted**

**Cajanus.** Canary yellow with orange yellow blotches on the falls.

**Flora.** Creamy white with pale lavender standards.

**Excelsior.** Porcelain blue.

**King of the Whites.** Pure white with small orange blotch on the falls.

**King of the Blues.** A fine, deep purplish blue.

**Filifolia Imperator.** Brilliant blue, large flowers. Doz. \$1.25, 100 \$9.00.





## BABY GLADIOLUS

### EARLY FLOWERING—FOR FORCING

- Blushing Bride.** Ivory white, blotched crimson. Doz. \$1.00, 100 \$7.00.  
**Colvillei Alba (The Bride).** Pure white. Doz. \$1.00, 100 \$7.00.  
**Peach Blossom.** Charming light shade of pink. Doz. \$1.00, 100 \$7.00.

## GLADIOLUS

### FOR FORCING

We especially recommend the following varieties:

- Alice Tiplady.** A soft burnt orange. The queen of the Primulinus type. Doz. 75c., 100 \$5.00.  
**Los Angeles.** Delicate pink with cerise feather in throat. Very often called the "Cut-and-come-again variety." Doz. \$1.50, 100 \$10.00.  
**Mary Pickford.** Delicate creamy white, throat sulphur yellow. One of the best. Doz. \$1.25, 100 \$9.00.  
**Mrs. F. Pendleton.** Fine large salmon pink, with blood red blotch at throat. Doz. 75c., 100 \$5.00.  
**Mrs. F. C. Peters.** Beautiful shade of rosy lilac, crimson blotched, bordered white on lower segment. Doz. \$1.50, 100 \$10.00.  
**Virginia.** A beautiful soft raspberry red, shading to Begonia rose in throat. A charming self color Gladiolus. Doz. \$1.75, 100 \$12.00.  
**Wilbrinck.** A delicate creamy pink. Early flowering variety. Doz. \$1.00, 100 \$7.00.

## OXALIS

Particularly adapted for pots and hanging baskets in the house or conservatory. Plant four to six bulbs an inch deep in a 5 inch pot, using sandy loam. Grow and bloom best in a moderate temperature. These bulbs reach us about August 1st and if planted about that time should be in flower about Christmas and continue throughout the Winter.

*No charge for mailing.*

- Buttercup.** Pure bright yellow. Mammoth bulbs. Doz. 45c., 100 \$3.00.  
**Grand Duchess.** Of dwarf, sturdy habit, with large flowers in the greatest profusion on strong stems well above the foliage. From November until June. Excellent pot plant. In four colors. Lavender, Pink, Pure White and Yellow. Doz. 35c., 100 \$2.50.



## LILY-OF-THE-VALLEY

### (Convallaria)

**Grey's Perfect Forcing Pips.** The finest grade of pips that come to this country and especially selected for our large private trade which demands only the best for forcing throughout the year. *We carry these in cold storage and can furnish them at anytime.* Three to four weeks are usually allowed for forcing cold storage pips into flower. Per case of 250 \$18.00.

## SCILLAS

*No charge for mailing*

- Sibirica.** Showy spikes of bright blue flowers. Largely used in lawns in combination with Snowdrops and Crocus. Also very effective for naturalizing. Height 4-5 inches. Doz. 60c., 100 \$4.50.  
**Campanulata.** These bulbs are used extensively for naturalizing, flowering well in shady places. Beautiful spikes of Hyacinthlike flowers. Planted in clumps give best results.  
**Blue.** Doz. 50c., 100 \$3.50.  
**White.** Doz. 65c., 100 \$4.00.  
**Rosea.** Doz. 75c., 100 \$5.00.  
**Nutans caerulea.** Elegant spikes of bright blue. Doz. 60c., 100 \$4.00.  
**Nutans alba.** Pure white. Doz. 75c., 100 \$5.00.  
**Nutans rosea.** Pink. Doz. 85c., 100 \$6.00.



Scilla Sibirica





## RANUNCULUS

The bulbs resemble tiny clumps of Dahlia roots. They are grown much the same as Anemones. Should be grown in a cool greenhouse. Plant about 8 roots in a 6 inch bulb pan.

**Giant Double French Mixed.** Doz. \$1.00, 100 \$7.00.

**Palafflor.** Far superior to the old type, being much larger and more double, running more to pastel shades. Delivery in August. Doz. \$2.75, 100 \$20.00.

## SPIRAEA (Astilbe)

Ready about November 15th

Ornamental plants with handsome, deep green foliage and beautiful, pointed, feathery flower heads. Exceedingly decorative when planted in a hardy border, producing massive clumps with a profusion of flower spikes. An excellent plant for forcing in pots as they may be made to bloom about Easter.

**Amethyst.** Lovely mauve, and tops of stems tinted red.

**Gladstone.** Large spikes of pure white flowers.

**Gloria Purpurea.** Much darker rosy red than "Gloria." Forces well.

**Hyacinth.** A witching cattleya shade. Elegant spikes.

**Kriemhilde.** Beautiful feathery panicles of a clear salmon rose color.

**Strong clumps of any of the above varieties, each \$1.00, doz. \$10.00**

## SNOWDROPS (Galanthus)

No charge for mailing

There is no more general favorite among the earliest Spring flowers than the Snowdrop. It is among the hardiest and they flourish in any soil or situation. They should be planted 3 inches deep.

**Single Flowering.** Doz. 60c., 100 \$4.00.

## SPRING SNOWFLAKE

(Leucojum)

These bulbs, perfectly hardy, produce immense, Snowdroplike flowers on stems about a foot high in March. Pure white and violet scented.

Doz. \$1.00, 100 \$7.00



Peony *Duchesse de Nemours*



*Spiraea (Astilbe) Gladstone*

## TRITONIA CROCAT

Attractive bulbous plants for pot culture ranging from bright orange to deep orange scarlet. Plant 6 to 8 in a 6 inch pot. Doz. 85c., 100 \$6.00

## PEONIES

One of the hardiest flowering plants and rivaled only by the Rose

**Alsace-Lorraine.** White, much like the white Pond-lily. Late variety. Each \$1.50.

**Couronne d'Or.** Pure white, globular flowers with amber yellow stamens, center petals tipped carmine. Each \$1.00.

**Dorchester.** Large and compact. Pale Hydrangea pink. Fragrant. Each \$1.00.

**Dorothy Allison.** Bright, flesh pink; dwarf habit and blooms in midseason. Each \$3.00.

**Duchesse de Nemours (Calot).** Medium sized pure white bloom. Strong free bloomer. Each 75c.

**Eugenie Verdier.** Flesh pink, midseason. Extra fine variety. Each \$1.50.

**Felix Crousse.** Large, globular bloom. Brilliant red and a free bloomer. Each \$1.00.

**Festiva Maxima.** Very large; pure white center, petals tipped with bright crimson. Each 75c.

**Georgiana Shaylor.** Pale pink flecked with crimson; fine blooms late in the season. Each \$3.00.

**Ginette.** A flesh pink variety, very fragrant. Early. Each \$3.00.

**James Kelway.** A pure white variety, blooms early midseason. Each \$1.50.

**Lady Alexandra Duff.** Blush pink to white, midseason. Each \$2.00.

**Le Cygne.** Pure milk white, incurved petals, midseason. Each \$5.00.

**Mme. de Verneville.** Very large, pure white with center petals blush, tipped carmine. Each 75c.

**Monsieur Jules Elie.** Large, compact. Pale lilac rose with silvery reflex; fragrant. Each \$1.50.

**Norfolk.** Deep shell pink with cup shaped petals. Late blooming. Each \$1.00.

**Venus.** Delicate shell pink, compact bloom. Each \$1.50.

**Walter Faxon.** Large blooms; bright rose deepening toward the center; fragrant. Each \$3.50.

**PEONIA officinalis, alba, rubra, rosea.** Each \$1.00.



**Lilium longiflorum formosum**



**Lilium candidum**



**Lilium longiflorum giganteum**

## LILIES FOR FORCING

*If by Parcel Post, add postage at zone rates. Weight, 3 lbs. per doz.*

Bulbs should be potted in a rich soil, using 3½ to 6 inch pots, according to the size of the bulb, and the pots plunged in a coldframe, or kept in a cool place, to get a strong root growth. When well rooted and started 6 or 8 inches they should be shifted into larger pots to bloom, setting the bulb considerably deeper. A suitable compost is equal parts of turfy loam, leafmold, rotted cow manure and sand. Bulbs should be potted as soon as received.

### **CANDIDUM** Madonna Lily

*(Arrive in September)*

**Mammoth Northern Grown.** These are of the large flowered, pure white, thick petaled variety and grown for us in the north of France. Excellent for forcing and superior as a garden Lily. Southern grown bulbs should be avoided, as they are thin petaled and badly diseased. Each 60c., doz. \$6.00, 100 \$45.00.

**Extra Large.** Doz. \$4.00, 100 \$30.00.

### **HARRISI** Bermuda Easter Lily

*(Arrive in July)*

Choice, thoroughly ripened stock from the best growers in Bermuda.

**Extra Large Bulbs.** 7 to 9 in. circumference. Each 60c., doz. \$5.75, 100 \$45.00.

**Mammoth Bulbs.** Single crown. Each \$1.00, doz. \$10.00, 100 \$80.00.

### **LILIUM GIGANTEUM**

*(Arrive in October)*

The latest type of all the Longiflorum Lilies and the one most extensively used for Easter flowering. They are of stocky growth with dark stems and are unusually free from disease. The flowers are of the largest size and purest white. This variety is carried in cold storage for blooming at any desired time throughout the season.

**Extra Large Bulbs.** 7 to 9 in. Each 40c., doz. \$3.75, 100 \$30.00.

**Mammoth Bulbs.** 9 to 10 in. Each 55c., doz. \$5.50, 100 \$45.00.

### **LONGIFLORUM FORMOSUM**

*(Arrive in September)*

The type of the L. longiflorum which comes from the island of Formosa is becoming more popular every season. It is of strong, healthy growth, 2 to 3 feet high, with beautiful, white, trumpet shaped Lilies about 6 inches long, and may be had in bloom from early December to Easter.

**Extra Large Bulbs.** 7 to 9 in. Each 40c., doz. \$4.00, 100 \$35.00.

**Mammoth Bulbs.** 9 to 10 in. Each 60c., doz. \$6.50, 100 \$50.00.

**Special Mammoth Bulbs.** 11 to 13 in. Each 55c., doz. \$10.00, 100 \$75.00.



**Lilium henryi****Lilium auratum****Lilium speciosum melpomene**

## HARDY LILIES FOR THE GARDEN

With few exceptions they prefer a light, well drained, loamy soil and partial shade. Deep planting is recommended, from 6 to 12 or more inches, according to variety, and a covering of leaves or some litter to prevent the frost reaching the bulbs, as it is absolutely necessary for their success that the bulb be protected from freezing and thawing. Some varieties are ready in August, and others not before November and December, and to insure the planting of the late arrivals the place should be covered to keep the frost out.

**AURATUM** (Golden-rayed Lily of Japan). Large; pure white, with crimson spots and a gold band through center of each petal. 3 to 5 ft. July to Oct.

**Extra Large Bulbs.** Each 40c., doz. \$4.00, 100 \$30.00.

**Mammoth Bulbs.** Each 50c., doz. \$5.00, 100 \$40.00.

**Special Mammoth.** 11-13. Each 70c., doz. \$7.50, 100 \$55.00.

**CANADENSE FLAVUM.** Bright yellow spotted with black. 2 to 3 ft. June and July. Each 25c., doz. \$2.50, 100 \$20.00.

**HANSONI.** Deep golden yellow colored flowers. July. Each \$1.50, doz. \$10.00.

**HENRYI** (Yellow Speciosum). Beautiful Lily from China. Rich, apricot yellow, reddish brown spots. 5 ft. July and Aug. Each 75c., doz. \$7.50, 100 \$55.00.

**KRAMERI.** Beautiful, delicate pink. Fragrant, trumpet-shaped flowers. 3 ft. July and Aug. Each 40c., doz. \$4.00, 100 \$30.00.

**REGALE.** White, slightly suffused with pink, with a beautiful shade of canary yellow at the center of the trumpet. Perfectly hardy. July. Mammoth bulbs. Each 75c., doz. \$7.50, 100 \$60.00.

**SPECIOSUM ALBUM** (Japan Lily). Large; fragrant; pure white.

**Large Bulbs.** Each 50c., doz. \$5.00, 100 \$40.00.

**Mammoth Bulbs.** Each 75c., doz. \$7.50, 100 \$60.00.

**SPECIOSUM MAGNIFICUM.** Large white, heavily spotted with rich red.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$45.00.

**Special Mammoth.** 11-13. Each 70c., doz. \$7.50, 100 \$55.00.

**SPECIOSUM MELPOMENE.** White suffused and spotted with darkest crimson.

**Large Bulbs.** Each 40c., doz. \$3.75, 100 \$30.00.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$45.00.

**SPECIOSUM RUBRUM or ROSE-UM.** White, shaded and spotted rosy crimson.

**Large Bulbs.** Each 40c., doz. \$3.75, 100 \$30.00.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$45.00.

**Special Mammoth,** 11-13. Each 70c., doz. \$7.50, 100 \$55.00.

**SUPERBUM** (Native Turkscap). Rich orange, petals tipped with red and spotted. 4 to 6 ft. July. Each 25c., doz. \$2.50, 100 \$20.00.

**TIGRINUM SPLENDENS** (Improved Tigerlily). Orange salmon, spotted with black; immense bulbs. 4 ft. Aug. Each 15c., doz. \$1.50, 100 \$10.00.

**Lilium hansonii**



## POT-GROWN STRAWBERRY PLANTS

The Strawberry will grow in any good garden soil where the ground has been thoroughly prepared. For family use we recommend planting them in double rows, 1 foot apart each way and 3 feet between the double rows. Our pot grown Strawberry plants are well rooted, healthy plants, ready for shipment in August, and by setting them any time during August and September, a fine crop of fruit may be had the next season. The following sorts have proved the most satisfactory for growing in this locality.

**\$7.00 per 100, \$60.00 per 1000, unless otherwise priced**

**Abington.** Strong grower and great yielder.

The bright red berries are of very large size, firm and fine flavor. Early to medium.

**Arabine.** Extra early, very large, bright red of high quality, very robust grower and heavy cropper.

**Barrymore.** Awarded silver medal and three first premiums by the Massachusetts Horticultural Society, in 1908. A great berry for all purposes. Large size, rich, dark, glossy crimson color; conical shape; flesh red and quality excellent. Medium.

**Big Joe.** A magnificent new Strawberry of robust growth and very prolific. The berries are light crimson in color and very large. Medium.

**Brandywine.** Large, roundish, conical, bright, glossy crimson berries, firm and solid, excellent quality and fine flavor. Medium.

**Commonwealth.** Large, glossy crimson berry, of excellent quality, a great cropper and one of the latest.

**Gibson.** Very large, deep red, fine flavor. Medium.

**Glen Mary.** Very large, highly colored, firm, ranks with best in flavor. Medium to late.

**Golden Gate.** New seedling, resembles the Marshall and will succeed where the Marshall fails. It produces strictly fancy, firm fruit clear to the end of the season, of a rich crimson color.

**Howard 17.** This is undoubtedly one of the finest early Strawberries; fruit is of attractive conical form, bright red in color, and of delicious, mildly acid flavor.

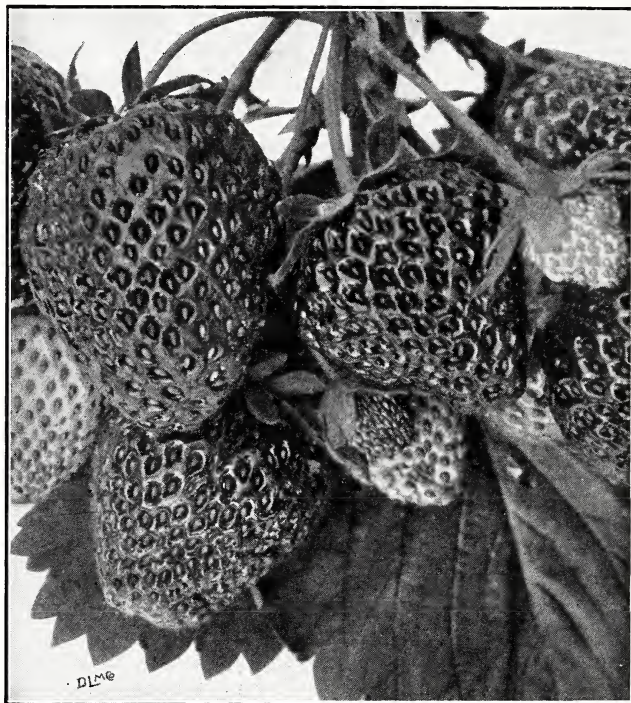
**Judith.** A large, medium red, pointed berry; a good market variety; very early.

**Marshall.** Large, rich crimson and fine flavor. One of the most popular sorts. Medium. \$8.00 per 100.

**Premier.** One of the best of the extra early varieties; does well in almost any section; excellent quality; bright red.

**Senator Dunlap.** Dark red berries of medium size. The flesh is red all through, and exceedingly juicy. Early midseason.

**Warren.** Dark blood red, extra size, broad and flattened at tips, borne in large clusters. Medium.



### EVERBEARING STRAWBERRIES

**Mastodon.** Truly a Wonderberry, in size, flavor and yield. \$10.00 per 100.

**Progressive.** Considered one of the best perpetual bearing Strawberries. The fruit is rich and sweet, a deep red inside and out; of good medium size and quite firm. \$8.00 per 100, \$70.00 per 1000.

**Superb.** Perfect blossoms. Enormous crops in June, and in September same plants are filled with fruit. It does not fruit on new runners. The berries are large and a rich, dark red. \$8.00 per 100, \$70.00 per 1000.

## FRUIT TREES

**Our collection comprises all the best and most popular kinds**

**Apples.** 5 to 7 ft. \$1.00 each, \$11.00 per doz.

**Cherries.** 5 to 7 ft. \$1.50 each, \$15.00 per doz.

**Pears.** 5 to 7 ft. \$1.25 each, \$13.00 per doz.

**Peaches.**  $\frac{3}{4}$  in. diameter. 75c. each, \$8.00 per doz.

**Plums.** 5 to 7 ft. \$1.25 each, \$13.00 per doz.

**Quinces.** 3 to 4 ft. \$1.25 each, \$13.00 per doz.



# GARDEN and GREENHOUSE REQUISITES, MISCELLANEOUS TOOLS, ETC.

**Axes.** Warranted steel. Witherell's extra quality, handled. \$3.00 to \$3.50.

**Barrow, New England Garden.** A strong, well-made barrow.

No. 64—Medium.....\$8.00

No. 65—Large.....9.00

No. 67—Greenhouse.....10.00

**Baskets, Shepherd.** 1 bus. \$2.50; 2 bus. \$4.00 each.

**Baskets.** For holding leaves. 4 bus. \$4.00 each.

**Bellows, Houchin's Dry Powder.** \$3.00 to \$4.00 each.

**Boxes for Cut Flowers.** The following sizes are kept in stock. Others can be furnished promptly.

No.	Length	Width	Depth	Doz.	100
1	18 in.	5 in.	3½ in.	\$1.00	\$7.00
2	21 in.	5 in.	3½ in.	1.10	7.50
3	24 in.	5 in.	3½ in.	1.20	8.00
4	28 in.	5 in.	3½ in.	1.30	9.00
5	21 in.	8 in.	5 in.	1.40	9.50
6	24 in.	8 in.	5 in.	1.50	10.50
7	28 in.	8 in.	5 in.	1.75	13.00
8	36 in.	8 in.	5 in.	2.25	16.50

## Corrugated Shipping.

Size	Inches	Each	Doz.
B	24x12x6	\$0.50	\$6.00
C	30x12x7	.60	7.00
D	36x12x9	.65	7.50
E	40x15x9	.90	10.00
F	48x15x9	1.00	11.50

**Brooms.** For use in greenhouses, stables, etc. Two sizes, \$1.25 and \$1.50 each.

**Brown's Crystal Duster.** 1 quart, lithographed tin pump, glass jar, extension and nozzle. \$1.50 each.

**Brushes, Pole.** Complete with bracket to attach to pole for using creosote in high places. \$1.25 each.

**Brushes and Can.** For creosote. The can fastens to the belt, leaving the hands free. \$1.00 each.

**Bulb and Seed Pans, Round.**

Size	Each	Doz.	Size	Each	Doz.
6 in.	\$0.15	\$1.50	10 in.	\$0.65	\$6.50
8 in.	.30	3.25	12 in.	1.25	13.00

**Burlap.** For putting around trees to trap gypsy moths, 8 in. wide, 7c. per yd.; 100 yds. \$6.50; 40 in. wide, 20c. per yd.; piece about 100 yds., 18c. per yd.

**Burning Brands.** For marking tools, etc. Six letters or less, \$5.00; each additional letter, \$1.00.

**Bush Hooks.** Strapped-eye handle. \$2.00.

**Carnation Support, Excelsior.** Heavy galvanized wire. In two sizes. 13 in., \$3.00 per 100; 20 in., \$3.50 per 100. One of each length makes a complete plant support.

**Cotton Wadding.** In large sheets, for protecting plants and flowers from frost. 10c. each, \$1.00 per doz., \$7.00 per 100.

**Flower Pots, Standard.** Measurement from inside to inside. Width and depth equal.

Size	Doz.	100	Size	Doz.	100
2 in.	\$0.25	\$1.50	7 in.	\$2.25	\$17.00
3 in.	.35	2.50	8 in.	3.25	24.00
4 in.	.50	3.75	9 in.	4.50	35.00
5 in.	.90	6.75	10 in.	6.50	50.00
6 in.	1.40	10.00	12 in.	13.00	100.00

**Flower Pots, Bird's "Improved" Neponset.** Made from a properly prepared fabric, which gives the necessary firmness, unbreakable, and made so as to give ample drainage. Not less than one crate at 1000 price.

Inches	In crate	Doz.	100	1000
2¼	1000	\$0.15	\$0.50	\$3.75
2½	1000	.18	.60	4.25
3	1000	.20	.75	6.00
3½	1000	.25	1.00	7.50
4	500	.30	1.25	9.50
5	500	.40	1.75	15.00
6	500	.50	2.50	20.00

**Flower Pot Saucers, Thermoid Rubber, Break-proof, Leakproof.** Made of a durable and sturdy rubber compound with cleated bottom to allow water to drain through the flower pot. Can be used on polished surfaces without scratching the finish.

No.	For	Each.	Doz.
No. 1	For 4 in. pot	\$0.20	\$2.25
No. 2	For 4½ or 5 in. pot	.25	2.75
No. 3	For 6 in. pot	.30	3.25
No. 4	For 6½ or 7 in. pot	.35	3.75
No. 4A	For 7½ or 8 in. pot	.40	4.50
No. 5	For 9 in. pot	.50	5.50
No. 6	For 10 in. pot	.75	8.00
No. 7	For 12 in. pot	1.00	10.00

**Flower Pot Hanger, Krick's Perfect.** No. 1 will fit from 3½ to 5 in. pots, 40c. per doz.; No. 2 will fit from 5 to 8 in. pots, 45c. per doz.; No. 2 will fit from 8 to 12 in. pots, 50c. per doz.

**Flower Vases, Galvanized Iron.** Strong, light, durable, made of good material with heavy hoop at base of can to reinforce bottom of vase. These vases are finished in a moss green enamel baked on.

No.	Top diam.	Bot. diam.	Hght.	Each	Doz.
5	7¾ in.	5½ in.	11 in.	\$1.00	\$11.00
6	7¾ in.	5½ in.	17 in.	1.25	14.00
7	8 in.	6¼ in.	11 in.	1.00	11.00
8	9 in.	7¾ in.	12 in.	1.25	14.00
9	9 in.	7¾ in.	17 in.	1.50	16.00
10	6½ in.	5 in.	14 in.	1.00	11.00
11	5½ in.	4½ in.	15 in.	1.00	11.00
12	5 in.	4 in.	9½ in.	.90	10.00

**Fruit Gatherers.** Wire, without handles; 2 styles. Each 65c., and 75c.

**Glass Cutters.** 25c. and 50c. each.

**Glaziers' Points (Perfection).** Will stop glass from slipping. Made of steel wire, galvanized. Double point. Per box of 1000, No. 2, 85c.; No. 2½, 90c.

**Glaziers' Points (Zinc City).** Made of zinc. Will not rust. In three sizes—5/8, ¾ and 7/8 inches long. Each size, 75c. per lb.

**Gloves, Gardeners' Pruning.** With gauntlets, \$3.00 per pair; without gauntlets, \$2.00 per pair.

**Hose, Rubber, Dreadnaught.** Cannot separate between the plies and does not kink. Made in continuous lengths up to 500 ft. ½ in. in 25 or 50 ft. lengths at 18c. per ft.; ¾ in. in 25 or 50 ft. lengths, at 20c. per ft.



## Garden and Greenhouse Requisites, Miscellaneous Tools, etc.—Continued

**Labels, Copper.** Made of copper and copper wired, indestructible and always legible. No. 1,  $3\frac{1}{2} \times \frac{3}{4}$  in., \$2.25 per 100; No. 2,  $5 \times 1\frac{1}{8}$  in., \$2.75 per 100.

**Labels, Wood.** For plants and trees.

	Plain and Painted	Plain	Painted
	100	1000	1000
4 in. Pot Label.....	\$0.30	\$1.80	\$2.20
5 in. Pot Label.....	.35	2.20	2.50
6 in. Pot Label.....	.40	2.50	3.00
8 in. Garden Label.....	.90	6.50	8.00
10 in. Garden Label.....	1.15	8.25	10.50
12 in. Garden Label.....	1.50	10.50	13.00
$3\frac{1}{2}$ in. Tree Label.....	.30	1.50	2.00
$3\frac{1}{2}$ in. Tree, iron wired...	.35	2.00	2.50
$3\frac{1}{2}$ in. Tree, copper wired.	.40	2.50	3.00

**Mats, Hotbed.** Made by hand of the best rye straw. Size 6x6 ft., \$3.50 each.

**Mats, Hotbed.** 76x76 in. Made of drilling filled with wool and quilted. \$5.50 each.

**Paper, Green Waxed.** Sheets 12x18 in. Lb. 75c.

**Paper, White Tissue.** Sheets 20x30 in. Lb. 50c., ream, about 7 lbs., \$2.50; 24x36 in., lb. 50c.

**Paper, White, Waxed.** Sheets 14x18 in. Lb. 50c., ream, about 6 lbs., \$2.00. Sheets, 24x36 in., lb. 50c.

**Paper, White, Wrapping.** Sheets, 24x36 in. Lb. 20c.; ream, about 40 lbs., 18c. per lb.

**Pencils, Indelible, Lead.** With point protector. Black or blue, 20c. each.

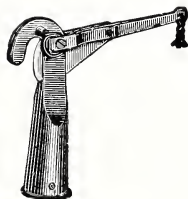
**Pruner, Standard Tree.** Operated by a lever to which the blade is connected by iron rod, 6 ft. pole \$1.75, 8 ft. pole \$2.00, 10 ft. pole \$2.25, 12 ft. pole \$2.50, 14 ft. pole \$2.75, 16 ft. pole \$3.00 each. Extra blades, 25c. each.

**Pruner, Telephone Tree.**

Without pole (*see cut*). A pole of any length to suit requirements can be inserted in the socket. It is operated by a cord tied in the end of the lever. \$1.50 each.

Extra blades, 25c. each.

Extra springs, 25c. each.



**Plant Tubs, Cedar.**

For ferns, palms and other large plants. Made of thick cedar, nicely painted green. Drop handles. No. 2 and larger have hook handles. Outside measurements:

	No.	Diam. across top	Height outside	Each
	1	28 in.	22 in.	\$17.00
	2	26 in.	20 in.	14.00
	3	24 in.	18½ in.	9.00
	4	22 in.	17 in.	7.25
	5	20 in.	16 in.	6.25
	6	18½ in.	15 in.	5.00
	7	17 in.	14 in.	4.25
	8	16 in.	13 in.	3.75
	9	14 in.	12 in.	3.00
	10	12 in.	9½ in.	2.50
	11	10½ in.	9 in.	2.25
	12	9½ in.	8 in.	2.00
	13	8 in.	7 in.	1.50



**Tubs, Richmond Cedar.** Strongly made of selected white cedar and bound with electric-welded wire; painted green. Without handles.

No.	Diam.	Each	No.	Diam.	Each
6	11 in.	\$1.25	10	15 in.	\$2.50
7	12 in.	1.50	11	16 in.	2.75
8	13 in.	1.75	12	17 in.	3.00
9	14 in.	2.00	13	18 in.	3.50

**Pump Auto Spray.**

An efficient compressed air sprayer for all-round use. Each pump is equipped with 2 ft. of ½ in. 5 ply hose, clog proof automatic shut off nozzle; 2 ft. brass extension rod. Full instructions, illustrated list of repair parts and spray calendar.

No. 1B, 4 gal. brass tank, price \$10.00.

No. 1D, 4 gal. galv. tank, price \$7.00.

No. 50D, 2½ gal. galv. tank, price \$6.00.

No. 50B, 2½ gal. brass tank, price \$9.00.

Brass strainer for same, price \$1.25.

Brass elbow for same, price 35c.

**Pump, Kinney's Atomizer.** For use in greenhouses to distribute liquid fertilizer or to mix or temper hot and cold water under pressure. \$3.00 each.

**Pump, Auto Spray No. 5.** Made entirely of brass, with two ball valves that can be instantly cleaned, it is double acting and throws a continuous spray. Excels all hand pumps.

Complete with pump, hose, nozzle and strainer. \$5.00

Galvanized iron knapsack tank with carrying straps..... 5.00

Extension rod..... .50

Pump and knapsack compl., with extension rod. 10.00

**Pump, Auto Spray No. 60.** Double acting, high pressure, bucket pump with air chamber. Price \$8.00.

**Pump "Auto Spray."** Wheelbarrow type. For use in garden, greenhouse or orchard it is especially adapted. Also used for whitewashing. It has a galvanized steel tank, steel truck and wheel, brass plunger head, cylinder and valves. Perfect agitation. 15 gal. capacity. Complete, price \$25.00.

**Putty Bulb.** For glazing greenhouse sash. \$1.50 each. By mail \$1.60.

**Putty, Twemlow's Old English Glazing.** A superior article for bedding glass in sash or filling cracks or seams in roof joints, etc. 1 gal., 3 gal. and 5 gal. containers at \$3.75 per gal.

**Raffia.** The best material for tying. Soft, pliable and strong. 40c. per lb.

**Raffia, Green.** For tying plants, etc. \$1.25 per lb.

**Rakes, Bamboo Broom.** Fan shape. 18 in. 75c., and 24 in. \$1.00 each.







## Garden and Greenhouse Requisites, Miscellaneous Tools, etc.—Continued

**Rakes, Brume.** Steel, fan shaped rake; used as a broom; strong and durable. \$1.00 each.

**Rakes, Dandelion.** Keeps lawn free from Dandelion heads, dead grass, etc. \$1.00 each.

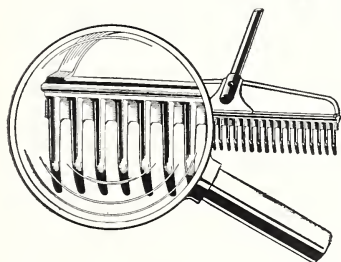
**Rakes, Gibbs' Lawn.** All steel; reversible, strong and light. 24 teeth, \$1.25 each.

**Rakes, Hay, Wood.** Extra quality, three bow, \$1.10.

**Rakes, Lawn, Wood.** Three bow, bent handle, with close teeth. \$1.25 each.

**Rakes, Steel Garden.** Long teeth. 10 teeth, \$1.00; 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.25; 18 teeth, \$1.35 each.

**Rakes, Steel Lawn.** Short teeth. 12 teeth, \$1.25; 14 teeth, \$1.35; 16 teeth, \$1.50 each.



### Rakes, Gumfinger Lawn Rubber.

The teeth are live, resilient rubber, stiff enough to rake clean but flexible enough not to tear or uproot the grass. Rakes clean over rough surface. The rubber teeth adjust themselves to every irregularity

in the ground. Light and easily handled. There is no risk of injury if this rake is left with the prongs turned upright. Made in three sizes:

16 in. . . . \$1.00    20 in. . . . \$1.25    24 in. . . . \$1.50

### Rubber Rakes

### Rubber Saucers

These two items were introduced locally by us in the Fall of 1930 and we can recommend both articles highly.

**Sash, Hotbed.** Well made from thoroughly seasoned lumber and glazed with double thick glass. Frame 1¾ in., 3x6 ft., \$8.50 each. Crating extra at cost.

**Saws, Cross Cut, Two Man.** Filed and set, ready for use. 5 ft. \$4.00 each. Handles, 75c. per pair.

**Saws, Cross Cut, One Man.** With supplementary handle. 3 ft. \$3.50, 3½ ft. \$4.00 each.

**Saws, Pole Pruning.** \$2.00 to \$2.50.

**Saws, Pruning.** Single and double edge. Extra refined spring steel. 18 in. \$1.75, 20 in. \$2.00 each.

**Sieves, Wire.** For sifting loam, gravel, etc. Strong and well made. Any size of mesh can be furnished. From 16 to 20 in. diameter. \$2.00 to \$3.00 each.

**Silkline (Smilax Thread).** Spools 40c. each; per box of 8 spools, \$3.00.

**Shears, "McKenney" Double Cut.** The best and strongest lopping shears made. Cuts without crushing. No. 1, \$3.00; No. 2, \$5.00.

**Shears, Hedge or Grass.** English, pruning notch. 8 in. blade, \$4.00; 9 in. \$4.50; 10 in. \$5.00 each.

**Shears, German Pruning.** 8 in. \$2.50, 9 in. \$3.00, 10 in. \$3.50.

**Shears, Pruning, French.** With wheel spring, polished. 7 in. \$2.25, 8 in. \$2.50, 9 in. \$3.00, 10 in. \$3.50. Extra springs, 50c. each.

**Shears, Ladies' Pruning.** Nickel plated. 6 in. \$2.00.

**Shovels, Snow.** Wood. Malleable iron tip, \$1.25.

**Shovels, Snow.** Steel either long or D-handle, \$1.00.

**Scythes, "Witherell's."** Finest cutlery steel. Fully warranted. \$2.00 each.

**Scythes, Broad English, or Lawn.** \$3.00 each.

**Scythes, Heavy Bush.** \$2.25 each.

**Scythes, Weed or Bramble.** \$2.25 each.

**Scythe Snaths.** \$1.75 each; bush, \$2.00 each.

**Scythe Stones, Carborundum.** 50c. each.

**Scythe Stones, English Round.** Talacre. 50c.

**Scythe Stones, "Manchester."** 25c. each.

**Seed Sower, "Cahoon."** Best machine for sowing broadcast, grass seed, oats, barley, etc. \$6.00 each.

**Seeder, Wheelbarrow, Grass.** This seeder is arranged to sow all kinds of grass seed, etc., in any quantity, from 6 to 40 qts. to acre. Price, with 14 ft. hopper, \$20.00 each.

**Sprayer and Atomizer, Compressed Air.** Makes a continuous foglike spray which can be delivered at any angle. 1 qt. glass tank, \$1.25; 3 qt. brass tank \$3.50.

**Sprayer, Vapor.** Nickel plated and mounted in a bottle; excellent for house use. \$1.50 each.

**Stake Fasteners.** Galvanized, rustproof wire. Hold the stakes and cross wires firmly.

**Eureka.** Small and light, per package of 1000 \$3.00.

**Everlasting.** Heavy and strong; per package of 1000, \$4.50.

**Stakes, Japanese Bamboo Garden.** Very strong and durable, ⅝ to ¾ in. diameter. 4 ft. 75c. per doz., \$6.00 per 100; 6 ft. \$1.00 per doz., \$7.00 per 100; 8 ft. \$1.25 per doz., \$8.00 per 100.

### Stakes, Japanese Cane, Green.

Ft.	Doz.	100	1000	Ft.	Doz.	100	1000
1.....	\$0.10	\$0.65	\$5.00	3.....	\$0.20	\$1.25	\$10.00
1½....	.12	.75	6.00	3½....	.25	1.55	12.00
2.....	.15	.85	7.00	4....	.30	1.50	13.50
2½....	.18	1.00	8.00	5....	.35	2.00	18.00

6 ft., Plain. 40c. per doz., \$2.25 per 100, \$20.00 per 1000  
8 ft., Plain. 50c. per doz., \$3.50 per 100, \$32.00 per 1000

### Stakes, Galvanized Wire Rose.

Ft.	100	1000	Ft.	100	1000
3.....	\$2.00	\$15.00	4½.....	\$3.00	\$25.00
3½.....	2.25	17.50	5.....	3.50	30.00
4.....	2.50	20.00	6.....	4.00	35.00

### Stakes, Square, Unpainted.

Hardwood.	100	1000
28 in. long.....	\$0.75	\$5.00
36 in. long.....	1.00	8.00
48 in. long.....	1.25	10.00

**Sticks, Match.** Pine, 5-32 in. thick. Green, 50c. per 100, \$4.00 per 1000.

**Thermometers, Self Registering.** Oxidized metal scale. Max. and min., 10 in., \$6.00 each.

**Wilder's.** Japanned tin case, convex scale. 6 in. 75c., 8 in. \$1.00, 10 in. \$1.25.

**Wilder's.** Japanned tin case; heavy. 8 in. \$1.40, 10 in. \$1.50, 12 in. \$1.75.

**Wilder's Hotbed.** Boxwood, brass tipped. \$3.50.

**Tinfoil.** For bouquets, etc. 40c. per lb.; violet foil, 75c. per lb.

**Tree Scrapers.** Best steel, \$1.25 each.

**Twine, Green Linen.** For Smilax. 50c. per ball.

**Twine, Green Cotton.** 25c. per ball, \$2.50 per doz.



**Garden and Greenhouse Requisites, Miscellaneous Tools, etc.—Continued**

**Twine, Hard.** For tying parcels. Heavy, medium, and light. 50c. per ball, \$5.50 per doz.  
**Twine, Soft.** 35c. per ball, \$3.50 per doz.  
**Twine, Tarred Marline.** Twisted. In 5 lb. and 10 lb. balls. Each 55c. per lb.  
**Twine, Tarred Yarn (Lathyrn).** Excellent for tying shrubs, etc. 30c. per lb.  
**Twine, White Cotton.** 25c. per ball, \$2.50 per doz.  
**Twine, Yacht Marline.** In ½ lb. balls, 50c. each.  
**Trowels, Flat Steel.** Best steel, carefully tempered. 7 in., \$2.00 each.  
**Trowels, Garden.** Extra forged steel. Solid steel blade and shank. 6 in. 75c., 7 in. 85c. each.  
**Trowels, Garden, English Genuine.** Extra heavy. 6 in. \$1.00; 7 in., \$1.25.  
**Trowels, Transplanting.** 6 in., 25c. each.

**Watering Pots, English.** An ideal pot for watering seedlings, cuttings, etc. 3 qt. \$6.50, 4 qt. \$7.50, 6 qt. \$8.50, 8 qt. \$9.50, 10 qt. \$11.00 each.  
**Watering Pots, French.** Made of galvanized iron; oval in shape, with brass handle and long spout; one fine and one coarse copper faced rose with each. 6 qt. \$6.50, 8 qt. \$7.00, 10 qt. \$7.50, 12 qt. \$8.00 each.  
**Watering Pots, Galvanized Iron.** The best watering pot made, for strength, durability and neatness. Made from best quality iron. A coarse and fine copper faced rose with each pot.  
 4 qts., spout 18 in. long. . . . . \$5.50  
 6 qts., spout 21 in. long. . . . . 6.00  
 8 qts., spout 23 in. long. . . . . 6.50  
 10 qts., spout 25 in. long. . . . . 7.00  
 12 qts., spout 25 in. long. . . . . 8.00  
**Wire.** Annealed galvanized. No. 14 \$1.75, No. 16 \$2.00, No. 18 \$2.25, No. 20 \$2.50 per stone of 12 lbs. in coils.

## FERTILIZERS

**A. A. Superphosphate** (Acid Phosphate). 16 per cent. soluble and available phosphoric acid. 100 lb. bag \$2.00, ton \$35.00.  
**Adco.** For making artificial manure. Dry leaves mixed with Adco and kept moist, turn into excellent manure. So do flower stalks, cuttings, pea vines and almost any other kind of non-woody vegetable waste. Adco is a powder which, mixed with vegetable matter and kept moist, turns the latter into real manure, but without odor, flies, etc. The process is perfectly simple and not at all laborious. In 25 lb. bags (enough for about 12 wheelbarrow loads of garden waste, making ½ ton of manure), each \$2.25; in 150 lb. bags (enough for a heap 10 ft. x 6 ft. making about 3 tons of manure), each \$10.50.  
**Agrico.** For lawns and gardens. A chemical fertilizer built especially for lawn and garden use. 5 lb. carton 60c., 10 lb. carton \$1.00, 25 lb. bag \$2.00, 50 lb. bag \$3.75, 100 lb. bag \$6.00.  
**Ashes, Unleached Hardwood.** High in potash. In bags, per 100 lbs. \$3.00, per ton \$50.00.  
**Blood Tankage.** 12 per cent. 100 lbs. \$6.00.  
**Bon Arbor.** Immediately soluble in water. A complete plant food. 1 lb. pkg. 60c., 5 lbs. \$2.50.  
**Bone, Fine Ground (Bonemeal).** One of the best fertilizers for general purposes. 10 lbs. 75c., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50, ton \$60.00.  
**Charcoal.** Coarse and fine. 10 lbs. 75c., 100 lbs. \$5.00.  
**Clay's Fertilizer.** This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables. 14 lbs. \$2.25, 28 lbs. \$4.25, 56 lbs. \$8.00, 112 lbs. \$15.00.

**Chrysanthemum Manure, Thomson's Special.** Entirely soluble and very powerful, especially suitable for top dressing Chrysanthemum and similar plants. 7 lbs. \$1.75, 14 lbs. \$2.75, 28 lbs. \$4.50, 56 lbs. \$8.00.  
**Lime, Agricultural.** An unusually pure calcium lime, especially prepared for use on the soil. Shipped in the form of a dry powder. 100 lbs. \$1.50, 500 lbs. \$7.00, ton \$22.00.  
**Nitrate of Soda.** 18.5 per cent. ammonia. 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.75, 100 lbs. \$5.00.  
**Plantabbs.** Try these clean, odorless, easy-to-use tablets. Enjoy beautiful house plants and glorious gardens. 25c., 50c., \$1.00, \$3.50.  
**Salt.** Top dressing for lawns and Asparagus beds. Bag, about 140 lbs. \$2.50.  
**Sheep Manure, Pulverized, "Special Brand."** This brand has no objectionable odor; it is a pure natural manure and the most nutritious food for plants. 100 lbs. \$3.25, ton \$55.00.  
**Soot, Imported Scotch.** Sold only in original bags of about 112 lbs. at 7c. per lb.  
**Sulphate of Ammonia.** 25 per cent. ammonia. \$5.00 per 100 lbs.  
**Vigoro.** A superior combination of plant foods that meets nature's most exacting requirements. When Vigoro is used, no supplementary substances are required. If applied to plants grown on benches or in pots, it should be worked into the soil and the plants then watered. 5 lbs. 60c., 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$6.00.  
**Vine, Plant and Vegetable Manure, Thomson's.** A safe and reliable food and stimulant. ¼ cwt. (14 lbs.) \$2.25, ½ cwt. (28 lbs.) \$4.25, ¾ cwt. (56 lbs.) \$8.00, 1 cwt. (112 lbs.) \$15.00.

## INSECTICIDES AND FUNGICIDES

**NOTICE—Articles prefixed by star (\*) cannot be sent by mail**

\***A Grade Cyanogas.** Will destroy ants, rats, ground hogs, etc. Lb. can 75c., 5 lb. can \$3.00.  
 \***Aphine.** For the destruction of the green, black and white fly, thrips, red spider, mealy bug, caterpillars, scale, etc. Qt. \$1.25, gal. \$3.50.

\***Black Leaf 40** (Sulphate of Nicotine). A concentrated liquid for use in destroying green aphids and thrips. Oz. bottle 35c., 5 oz. \$1.00, lb. \$2.50, 2 lbs. \$3.75, 5 lbs. \$7.00, 10 lbs. \$11.85.





## INSECTICIDES AND FUNGICIDES—Continued

**Carbola.** A disinfectant used instead of whitewash. 5 lbs. 75c., 10 lbs. \$1.25, 50 lbs. \$5.00.

\***Copper, Ammoniated Solution of.** A liquid fungicide, ready for use. Dilute at the rate of 1 qt. to 25 gals. of water, and spray lightly. Qt. \$1.50, gal. \$4.00.

\***Creosote, Gypsy Moth.** For the destruction of the eggs of gypsy moth. Qt. 50c., gal. \$1.25, 5 gals. \$5.00.

\***Cyanogas** (Calcium Cyanide). "Grade G." For greenhouse fumigation, garden insects and other pests. 5 lbs. \$3.00, 25 lbs. \$10.00.

**Derrisol.** A safe, non-poisonous, contact insecticide for the control of aphides or plant lice, red spider, green fly and many other soft-bodied sucking insects. Inexpensive and effective. Oz. 35c., ½ lb. \$1.20, lb. \$2.00, 2 lbs. \$3.00, 10 lbs. \$12.00.

**Ever Green.** Non-poisonous, highly effective against both chewing and sucking insects; harmless to the tenderest foliage. Easy to prepare and pleasant to use. Oz. 35c., 6 ozs. \$1.00, 16 ozs. \$2.00, 32 ozs. \$3.50, gal. \$13.00.

\***Fungine.** An infallible remedy for mildew, rust, wilt, bench rot and other blights. 1 gal. makes 50 gals. spraying material. Pt. 75c., qt. \$1.25, gal. \$3.50.

\***Fungtrogen.** An effective and scientific preventive and remedy for mildew, black spot and many fungous diseases for Roses and other plants. Pt. \$1.25, qt. \$2.00, gal. \$6.00.

\***Herbicide Weed Exterminator.** Qt. 70c., gal. \$1.75, 5 gals. \$7.50, 10 gals. \$12.50.

\***Lemon Oil.** A cheap, safe and effectual insecticide, for all insects and soft scale, highly recommended for house plants. Dilute with water 30 to 50 parts. Pt. 75c., qt. \$1.25, 2 qts. \$2.00, gal. \$3.50.

\***Lime Sulphur Solution.** Will completely destroy San José and other scale. Qt. 50c., gal. \$1.00, 5 gals. \$3.50; ½ barrel, about 30 gals.; 50 gal. barrels, price on application.

\***Lime and Sulphur** (Dry). Lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.00, 25 lbs. \$3.50.

**Nico-Fume Tobacco Paper** (Registered). For fumigating greenhouses. Positively the strongest Tobacco Paper on the market. In special friction top tins sold as follows: 24 sheets, \$1.25; 144 sheets, \$5.00; 288 sheets, \$8.75.

\***Nico-Fume Liquid.** A nicotine solution of exceptional purity. Does not stain or injure blooms or leave a disagreeable odor. ¼ lb. 75c., lb. \$2.00, 4 lbs. \$6.25, 8 lbs. \$11.50.

**Nico-Fume Powder.** For fumigating. 5 lbs. \$3.75, 10 lbs. \$6.85.

\***Richard's X-L-All, Liquid Insecticide.** Destroys mealy bug, red spider, etc. Pt. \$1.50, qt. \$3.00, ½ gal. \$5.50, gal. \$10.50.

\***Scalecide with Fungicide.** For destroying San José scale and all other scale and soft-bodied sucking insects. Also all fungous diseases. Qt. 75c., gal. \$1.75, 5 gals. \$6.50, 10 gals. \$11.00, 50 gal. barrels \$35.00.

**Slug Shot, Hammond's.** Destroys insects injurious to house and garden plants, vegetables and fruit of all kinds. Directions for use on each package. 5 lb. pkg. 65c.

**Sulphur Flour.** Useful for fumigating, spraying mixtures, lice on plants or animals. Prevents mildew on Grape vines, bushes, etc. Lb. 12c., 5 lbs. 50c., 10 lbs. 85c., 25 lbs. \$2.00, 100 lbs. \$7.50.


**Soap, Fish Oil.** Lb. box 45c., 5 lb. box \$1.50.

\***Soap Spray, "Imp."** Specially recommended and very effective in killing white fly and red spider. Qt. \$1.00, gal. \$3.00, 5 gals. \$12.00, 10 gals. \$21.00.

**Tobacco Dust.** For aphids, etc., on the foliage and around the roots. Lb. 12c., 5 lbs. 50c., 25 lbs. \$2.25, 50 lbs. \$4.00, 100 lbs. \$7.50.

**Tobacco Stems.** Small quantities. Lb. 5c., large bales or cases, lb. 4c.

\***Wilson's O. K. Plant Spray.** Powerful yet harmless. A contact spray for Roses, Chrysanthemums, Carnations, Grape vines (when dormant), etc. Gal. \$3.00, 5 gals. \$12.00, 10 gals. \$20.00, 25 gals. \$50.00.

IMPORTED GRANULATED  
**PEAT MOSS**  
TORT  MULL

**Peat Moss.**  
(Imported).  
Coarse and  
fine, \$3.50  
per bale.  
Trial bale,  
\$1.50 each.

**Peat, Leafmold, etc.**

**Silver Sand.** For mixing with potting soil, etc. Pk. 50c., bu. \$1.50.

**Leafmold.** Best quality. Bag \$3.50.

**Moss, Live Sphagnum.** Bu. \$1.50, bag \$3.50.

**Moss, Dry Sphagnum.** Bag \$1.50, large bale \$10.00.

**Orchid Peat, or Fern Root.** Best selected hand picked. Bag \$4.00.

## BIRD SEED

(Prices subject to market fluctuations)

	Lb.	100 lbs.
<b>Blue Maw or Poppy</b> .....	\$0.35	\$30.00
<b>Canary Seed, Choice Recleaned</b> .....	.15	12.00
<b>Hemp Seed, Recleaned Russian</b> .....	.12	10.00
<b>Rape Bird</b> .....	.15	14.00
<b>Rape, English</b> .....	.20	16.00
<b>Mixed Bird Seed, in bulk</b> .....	.15	12.00
<b>Lettuce for Birds</b> .....	.30	20.00
<b>Rice, Unhulled or Paddy</b> .....	.18	15.00
<b>Millet, Golden</b> .....	.10	8.00

	Lb.	100 lbs.
<b>Millet, White French</b> .....	\$0.20	\$18.00
<b>Wild Bird Food Mixture</b> .....	.12	10.00
<b>Niger Seed</b> .....	.40	38.00
<b>Cuttle Fish Bone</b> .....	.50	45.00
<b>Sunflower Seed</b> .....	.15	12.00
<b>Kaffir Corn</b> .....	.06	5.00
<b>Vetch for Pigeons</b> .....	.10	8.00
<b>Peas, small white</b> .....	.10	8.00



Part of Lawn, Weld Estate, Brookline, Mass., William C. Rust, Supt.

## LAWNS

The following simple directions may be found useful to those who are not familiar with lawn making.

The soil should be of good depth, moderately rich, the land should be carefully drained, and the soil thoroughly pulverized. Some good fertilizer—pure ground bone, wood ashes, or a specially prepared lawn fertilizer—should be used. After sowing, the ground should be lightly raked and rolled.

The selection of seed is important. Use only such mixtures as are free from weed seeds, and such as will produce a firm, strong turf and a fine growth. A liberal quantity is necessary to secure good results (not less than 64 pounds per acre). The best time to make a lawn is from the middle of August through September. If seed is sown at this season, the grass will become strong enough to withstand the Winter, and a good lawn is assured the following season.

### GREY'S SPECIAL RECLEAVED LAWN GRASS SEED

In recommending this grade to our customers we are sure we are recommending a mixture which cannot be excelled for general lawn purposes. Weight 32 lbs. per bu. Sow 64 lbs. per acre. Per lb. 70c., per 100 lbs. \$60.00.

**GREY'S SPECIAL BENT GRASS MIXTURE.** A combination of Bent grasses and red top which will produce a turf much finer in texture than a lawn of the ordinary type. Per lb. \$1.50, per 100 lbs. \$125.00.

**GREY'S GRASS MIXTURE FOR SHADED LAWNS.** Fine grasses selected especially for locations partially shaded by buildings or trees. Weight 24 lbs. per bu. Per lb. 70c., per 100 lbs. \$60.00.

**GREY'S BANK AND TERRACE GRASS MIXTURE.**

This mixture is composed of deep rooting varieties which will give satisfactory results on steep inclines or terraces. Per lb. 60c., per 100 lbs. \$50.00.

**GREY'S BOSTON LAWN GRASS SEED.** This mixture is composed of such varieties as long experience has shown to be adapted to produce a permanent heavy turf. Weight 16 lbs. per bu. Per lb. 45c., per 100 lbs. \$35.00.

**Our aim is purity, quality and service.** We are headquarters for the finest lawn grasses, agricultural grasses, fertilizers, spraying material, International Harvester Company's line of implements, plows, etc.

### SPECIAL MIXTURES FOR TENNIS COURTS, GOLF LINKS, ETC.

The following mixtures used on many prominent golf courses, etc., in this vicinity, have given entire satisfaction.

**Fair Green Mixture.** For general use on golf links. Per lb. 85c., 100 lbs. \$75.00.

**Putting Green Mixture.** A combination of grasses best suited to produce a close, firm and lasting turf which will endure frequent cutting. Per lb. \$1.00, 100 lbs. \$90.00.

**Tennis Court Mixture.** A mixture of fine grasses especially adapted to tennis courts, which will bear trampling without injury. Per lb. 90c., 100 lbs. \$80.00.

**Ball Grounds Mixture.** This mixture is used by both the Leagues in Boston with the most satisfactory results. Per lb. 85c., 100 lbs. \$75.00.

**Bowling Green Mixture.** Mixture of fine, hardy grasses, especially adapted for bowling greens. Lb. \$1.00, 100 lbs. \$90.00.

**Seashore Lawn Grass Mixture.** A mixture of fine grasses selected for their deep rooting qualities. Per lb. 75c., 100 lbs. \$60.00.





## CHOICE GRASS SEEDS

Many growers of grass seeds offer several grades of each variety, varying greatly in price. We do not recommend nor do we sell the inferior grades. Those which we offer are strictly **high grade**, and the prices at which we offer them should not be compared with those quoted for inferior grades.

**Prices may change as the season advances. If to go by mail add Parcel Post rates to cover postage**

**Chewing's New Zealand Fescue.** A splendid grass of creeping habit, forming a close and lasting turf. An excellent grass for golf courses. Lb. 65c., 100 lbs. \$60.00.

**Creeping Bent** (*Agrostis stolonifera*). One of the most valuable lawn grasses because of its short growth and deep green, fine-leaved foliage. Its stoloniferous roots form a strong, close, enduring turf, which is not injured by being frequently walked on. Per lb. \$2.00.

**Crested Dogtail** (*Cynosurus cristatus*). Good for permanent pasture; is productive and early. 35 lbs. to the acre. Lb. 60c., 100 lbs. \$55.00.

**Hard Fescue** (*Festuca duriusecula*). Admirable pasture grass of fine quality. 30 lbs. to the acre. Lb. 50c., 100 lbs. \$45.00.

**Italian Rye Grass** (*Lolium italicum*). Valuable for mixing with other pasture grasses; sow 50 lbs. to the acre. Lb. 20c., 100 lbs. \$18.00.

**Kentucky Blue** (*Poa pratensis*). For pastures and lawns it has no superior, giving that peculiar rich shade of bluish green so much admired in the best lawns; also making a very close, velvety turf. It is usually sown mixed with other fine grasses; when used alone, 30 to 40 lbs. per acre. Fancy clean seed. Lb. 60c., 100 lbs. \$55.00.

**Meadow Fescue** (*Festuca pratensis*). One of the best grasses for permanent pasture on a great variety of soils; sow 40 lbs. per acre. Lb. 30c., 100 lbs. \$25.00.

**Meadow Foxtail** (*Alopecurus pratensis*). One of the best and earliest of pasture grasses. 30 lbs. to the acre. Lb. 85c.

**Orchard** (*Dactylis glomerata*). One of the earliest grasses; yields immense crops and is excellent for pasture or hay. Sow 40 lbs. per acre. Lb. 35c., 100 lbs. \$30.00.

**Perennial Rye Grass** (*Lolium perenne*). A valuable grass for pastures or meadows; also very valuable where mixed with other grasses for lawns, golf links, etc. We offer an extra choice lot of seed. Lb. 30c., 100 lbs. \$25.00.

**Prince Edward Isle Bent.** Produces an ideal turf for Greens, Fairways, Bowling Greens and Fine Lawns. Grows anywhere. Lb. \$2.25.

**Red Top** (*Agrostis vulgaris*). A valuable native permanent grass, growing in almost any soil; 10 to 12 lbs. per bus. Sow 40 lbs. per acre if alone. Lb. 35c., 100 lbs. \$30.00.

**Red Top Fancy.** Absolutely clean and free from chaff. 36 lbs. per bus. Lb. 45c., 100 lbs. \$40.00.

**Red, or Creeping Fescue** (*Festuca rubra*). A creeping rooted grass forming a close and lasting turf. Is useful for gravelly banks and exposed hillsides. It is also valuable for shaded locations. Lb. 65c., 100 lbs. \$60.00.

**Rhode Island Bent.** Resembles Red Top, but is of dwarfer habit. A fine, hardy, very compact grass; excellent for lawns. Sow 4 bus. per acre if alone. 14 lbs. per bus. Lb. \$2.00.

**Rough Stalked Meadow Grass** (*Poa trivialis*). Especially adapted to the shaded parts of lawns. It thrives on moist rich soils and in sheltered situations. Lb. 85c.

**Sheep Fescue** (*Festuca ovina*). This is especially valuable as it thrives on poor, light or gravelly soils. 16 lbs. per bus. Lb. 45c., 100 lbs. \$40.00.

**Slender Fescue** (*Festuca tenuifolia*). A variety of Sheep Fescue, but with finer leaves. Lb. \$1.00.



**Kentucky Blue Grass (*Poa pratensis*)**

**Sweet Vernal, True Perennial** (*Anthoxanthum odoratum*). Useful to mix with other grasses; it is invaluable on account of its early growth and the fragrant odor which it imparts when drying. Lb. \$1.50.

**Tall Fescue** (*Festuca elatior*). Succeeds best on moist, alluvial and strong, clayey soils. Lb. 60c.

**Tall Meadow Oat Grass** (*Avena elatior*). This grass produces an abundant supply of foliage, and is valuable for pasture. Lb. 45c.

**Timothy, "Herd's Grass"** (*Phelum pratense*). It is generally sown with Red Top and Red Clover, and makes the most valuable hay. 45 lbs. per bu. Present price, lb. 20c., 100 lbs. \$18.00.

**Various-leaved Fescue** (*Festuca heterophylla*). Very early, hardy perennial. It is also useful in shady locations. 15 lbs. per bu. Lb. 70c., 100 lbs. \$65.00.

**Wood Meadow** (*Poa nemoralis*). A variety specially suited for the shaded portions of lawns, where other grasses do not grow. The creeping roots make a strong, firm sod. Lb. 85c.



Choice Grass Seeds—Continued

**Special Mixtures for Permanent Hay**

*Sow 50 lbs. to acre*

<b>No. 1</b> —For cool, moist soils.....	50 lbs.	\$18.00
<b>No. 2</b> —For high, dry soils.....	50 lbs.	19.00
<b>No. 3</b> —For wet soils.....	50 lbs.	21.00

**Special Mixtures for Permanent Pastures**

*Sow 50 lbs. to acre*

<b>No. 4</b> —For cool, moist soils.....	50 lbs.	\$23.00
<b>No. 5</b> —For high, dry soils.....	50 lbs.	24.00
<b>No. 6</b> —For wet soils.....	50 lbs.	24.00

**CLOVER SEEDS**

*Prices subject to change with the market.*

*Add Parcel Post rates if wanted by mail*

**Alfalfa, Genuine Grimm.** It originated in northern Minnesota. The strong branching roots of Genuine Grimm Alfalfa prevent winterkilling. Sow 15 to 20 lbs. per acre. Lb. 60c., 100 lbs. \$50.00.

**Alsike, or Swedish** (*Trifolium hybridum*). Hardest of all the Clovers and on rich, moist soil yields an enormous quantity of hay or pasturage. Valuable for sowing with Clovers or grasses, as it forms a thick bottom and increases yield of hay. Lb. 40c., 100 lbs. \$35.00.

**Bokhara Clover** (*Melilotus alba*). Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil, may be cut three times; lasts for years if cut before flowering. 15 lbs. to the acre. Lb. 25c., 100 lbs. \$20.00.

**Crimson Clover** (*Trifolium incarnatum*). An annual variety, largely used in the South for feeding green and for hay. The yield in fodder is large, and after cutting, it at once commences growing again and continues until cut by frost. Sow in April or May; 20 lbs. to the acre. Not always hardy in New England. Lb. 30c., 100 lbs. \$25.00.

**Red Clover, Medium** (*Trifolium pratense*). The leading variety of Clover for pastures or meadows. Requires deep, rich soil. Sow in Spring. Lb. 50c., 100 lbs. \$45.00.

**Red Northern, or Mammoth.** Grows 4 to 5 ft. high, and is used to plow under for manure. Lb. 50c., 100 lbs. \$45.00.

**White Dutch Clover** (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; valuable when mixed with grass seeds for pasture. Lb. 70c., 100 lbs. \$60.00.

**SEED GRAIN, ETC.**

*Prices subject to change with the market*

Great care is used in the selection of our seed grain. We endeavor to have each kind true to name and free from mixture and foul seeds. Samples and special quotations for large quantities sent on request.

**BARLEY.** Sow 1½ to 2 bus. per acre (48 lbs. per bus.)

**Beardless.** Bus. \$2.75.

**Montana.** Choice seed. Bus. \$2.75.

**RYE.** Sow 1½ bus. per acre. (56 lbs. per bus.)

**Winter "Rosen."** For Fall sowing. Bus. \$3.00.

**WHEAT.** Sow 1½ bus. per acre. (60 lbs. per bus.)

**Winter, Klondyke Bald.** White grain. Bus. \$3.25.

**VETCHES, Sand, Winter, or Hairy** (*Vicia villosa*).

Thrives on poor, arid, sandy soil, and can be sown either in Spring or Fall. If cut as soon as full grown and before flowering, a second growth will be made. Sow 40 to 50 lbs. per acre. Bus. of 60 lbs. \$12.00.

**MUSHROOM**

(*Champignon*)

*1 lb. of spawn is sufficient for 9 square feet of bed. If wanted by mail, add postage at Parcel Post rates*

**American Pure Culture.** Single bricks 30c. each, 20 bricks \$5.00.

**American Pure Culture.** New mammoth strain. Single bricks 40c. each, 20 bricks \$7.00.

**TOMATO**

**Special Varieties for Greenhouse**

**Carter's Sunrise** (True Stock). One of the best Tomatoes for indoor or outdoor cultivation. Perfect in shape, of good size and free cropper; the fruit is bright red. Pkt. 50c., oz. \$2.25.

**Crockford's Alaska, or "New Trellis."** Without doubt the best forcing Tomato on the market. Also the best for outdoors if grown on trellises. Rich, deep color, solid flesh. Pkt. 50c.

**Comet.** One of the best for forcing; brilliant scarlet color; medium size, smooth and solid. Pkt. 75c., ¼ oz. \$2.25.

*Page twenty-eight*

**Lister's Prolific.** This variety combines all the essential qualities of productiveness, size, flavor and color. Original pkt., 35c.

**Lister's Protection.** A new variety—the best of Lister's productions. Color dark crimson, a heavy cropper, perfect in shape and size. Pkt. 75c.

**LISTER'S EXCELSIOR.** This variety is the result of a cross between Ailsa Craig and Lister's Prolific, one of the best for forcing. Original pkts. 35c.

**Stirling Castle.** This is one of the best for indoor culture. Round, smooth, delicious flavor. Pkt. 25c., ¼ oz. \$1.00, oz. \$3.00.

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**



## OILSKIN CLOTHING, ETC.



Cape Ann Hat

**Oilskin Hats (Pilot)** Either yellow or black..... 1.25  
**Waterproof Dressing** for Oilskins, 75c. per can.

When spraying with lime sulphur, arsenate of lead or other solutions, a waterproof suit is essential, to protect the flesh and clothes. Those we offer are especially designed for men who work at spraying or whose work takes them into wet places and who require light-weight, waterproof garments.

Each  
**Oilskin Long Coats.** Either yellow or black....\$7.50  
**Oilskin Jackets.** Either yellow or black..... 3.50  
**Oilskin Pants.** Either yellow or black..... 3.50



Rubber Boots

### RUBBER BOOTS

Either in black or red. Finest quality only. In all sizes and styles.

Per pair  
**Men's Hip Boots**.....\$7.00  
**Men's Storm King.** Comes just above knee..... 6.00  
**Men's Short Boots**..... 5.00

### RUBBER GLOVES

These are indispensable when handling poisons, chemicals, etc.

Per pair  
**Heavy Gauntlet**.....\$3.50  
**Heavy Short**..... 3.00

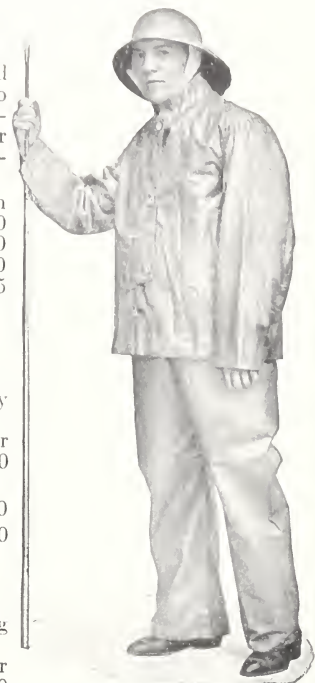
### LEATHER GLOVES

For use in spraying, pruning or garden work

**Gauntlets**.....\$3.00  
**Short**..... 2.00

### GOGGLES

To protect the eyes when spraying. \$1.50 each.



Oilskins

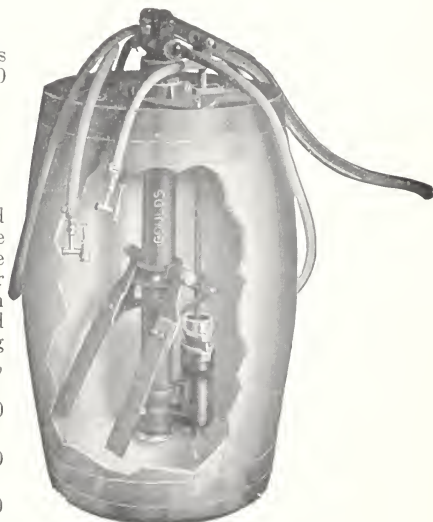
### RUBBER APRONS

Used by florists and gardeners. Standard size. Best materials, \$2.50 each.

## POMONA SPRAY PUMP

The Pomona has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland, valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure and giving smooth operation. The lever can be adjusted for a 3-, 4- or 5-in. stroke, the adjustment being obtained by removing and replacing a single bolt. The agitator is very simple but effective, and is operated by the pump lever.

**Pump,** with agitator and hose couplings.....\$24.00  
**Pump,** with agitator and one lead of 15 ft. ½ in. discharge hose with spray nozzle..... 30.00  
**Pump,** with agitator and two leads of ½-in. discharge hose with spray nozzle..... 36.00  
 Either of the above mounted in barrel for \$12.00 extra.



Pomona Spray Pump

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



# *Fall Bulbs* 1931



INCOMPARABILIS  
BERNARDINO



INCOMPARABILIS  
SIR WATKIN



BICOLOR TRUMPET  
GLORY OF SASSENHEIM

**THOS. J. GREY CO.**  
16 SOUTH MARKET STREET  
BOSTON MASS.